

Some Perspectives on The Future

This is a compilation of a variety of different perspectives on what the future might look like. Although I don't agree with everything, it's sort of interesting to see what some experts people might think will happen.

Even though they're experts, don't take this too seriously. History is often unpredictable.

Predictions (simple version)

2026 – New math discovered, decent AI movies and video games emerge, job openings in private knowledge work slow down.

2027 – AI internet rises, AI economy forms, AI hits 90%+ on humanities last exam, promptable 4k live tv, worldclass AI mathematicians programmers emerge, tensions rise over TSMC

2028 – CEO's pressured to layoff or die, low hire low fire market, unemployment going up, left and right vs tech, Job protection and UBI conversations, AI first companies emerge and start to outcompete full human ones, cost of intelligence drops 10x / month, potential war to get rid of unemployed people (?). US Election year.

2029 – AI is more intelligent than all experts (AGI), computers learn and create new knowledge, AI's claim to be conscious which is hesitantly accepted

2030 – Great decoupling between labor and capital emerges as human labor is no longer the key driver of economic productivity. This causes capitalism to start breaking down. The role of the US Federal Reserve to adjust interest rates to adjust employment also breaks down. Money needs to be rethought. Academia becomes AI-cademia.

2031 – Post labor economics is talked about everywhere. Trillion dollar businesses emerge. If things are going to be bad, it'll probably be by now. US Election year.

2032 – Longevity escape velocity (infinite life) becomes possible, useful nanobots emerge.

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2035 – UBI/UBS/UHI in developed countries, finding meaning and purpose are now main issues, limited human capitalism, more government employment, status good still relevant,

internet is almost completely AI generated, and who your closest AI is is going to be so important. If there is an AI bubble, it will probably have burst by now

Emotional slop rises, some lonely men plug into AI harems, new jobs are entrepreneurially created for human-human interaction

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2040 – Economic problems are more in distributing goods rather than making them. Some humans merge with AI using BCI. Some use mind uploading. Some humans may choose to become different species. Many people live in VR as financed by UBC, and there are more humanoid robots than humans.

//comment on what money can't buy

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2045 – Singularity, computronium made by now, The “AI race” surpasses the “human race” in power and population, Civilization is 10^9 more capable than before AI, BCI becomes common

...

Post singularity:




- Distinction between IRL and VR start to merge because of promptable nanobot swarms
- Most conscious entities do not have a permanent physical presence.
- The universe is considered to be more “being like” rather than “thing like”. The universe doesn't end in a big crunch, or in a cold motionless death, because intelligent beings decide to have fun and make interesting things happen.

Some of the Experts

Expert	Info
Ray Kurzweil	<ul style="list-style-type: none">• He predicted technological trends with 86% accuracy across 147 forecasts• Holds 21 honorary PhDs• Director of Engineering at Google since 2012.• Invented text-to-speech• Invented, speech-to-text



- Invented, large-vocabulary speech recognition
 - Invented the Kurzweil Music System
 - Longest researcher in AI, with **61 years in AI**
 - Received the National Medal of Technology from Bill Clinton
 - Inducted into National Inventors hall of Fame
 - The Public Broadcasting Service (PBS) included Kurzweil as one of 16 "revolutionaries who made America" along with other inventors of the past 200 years
 - Author of *The Singularity Is Near* (2005), *How to Create a Mind* (2012), and *The Singularity Is Nearer* (2024)
 - Predicts and advocates for the Singularity, where a future where humans merge with AI
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- Ray Kurzweil, one of the world's leading thinkers and futurists
 - He's been called the "relentless genius" and "the ultimate thinking machine"
 - Holds a 30-year track record of accurate predictions about the evolution of the future and technology
 - With an 86 % accuracy rate for his predictions
 - Inventor of the CCD flatbed scanner, the first omnifont optical character recognition system, the first text-to-speech reading machine, the Kurzweil synthesizer
 - Author of *The Law of Accelerating Returns* (1999)
 - *The singularity is Near* in 2005, and the *singularity is near-er* 2024
 - Recipient of the National Medal of Technology and Innovation
 - Holds 21 honorary doctorates, he's been Honored by three U.S. presidents
 - And has popularized the term singularity, which he believes will happen in 2045.
 - Supercomputers and merging with them
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- The singularity is Near 2005 was so controversial at the time that Stanford organized a meeting of several 100 AI experts to evaluate the productions. They agreed that it would happen, but not within 30 years—maybe 100 years.
 - But now basically everyone has changed their tune. Some say 2027
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- Revolutionary at the time in 2005
 - The dates are falling 3 years or so from predictions 30 years ago
 - Singularity is like the first fish saying: alright guys, we're going to start walking on land in 2045. We don't know what's up there, but we'll figure it out.

	<ul style="list-style-type: none"> • 120 predictions from 30 odd years ago, only 3 were wrong • 1st prediction 1989, human level AI by 2029 which people laughed at, and then singularity in 2045. • Singularity = 1000x more intelligent. Smarter than all humans
<p>Geoffrey Hinton <i>Aka Jeff Hinton</i></p> 	<p>“The Godfather of AI”</p> <ul style="list-style-type: none"> • Most Cited AI scientist in the world • Nobel prize speaker giving caution to the world in 2025 • Basically created modern ML: Applications of backpropagation , Boltzmann machines, Deep learning , Deep belief network Knowledge distillation ("Dark knowledge"), Capsule neural networks, Mixture of experts Product of experts, Time delay neural network, t-SNE, AlexNet • Turing Award (2018), Dickson Prize (2021), Princess of Asturias Award (2022), Nobel Prize in Physics (2024), VinFuture Prize (2024) Queen Elizabeth Prize for Engineering (2025) • Was working on Google brain before dropping most everything to spread the word about the if potential extinction event of humans • Nobel prize in Physics in 2024 • Essentially doesn't think it's realistic that global AI can slow down, best we can hope for is that the alignment problem is solved and nations collaborate (very similar to AI 2027 paper)
<p>Erick Schmidt</p> 	<ul style="list-style-type: none"> • CEO of Google from 2001 - 2011 • Executive chairman of Google from 2011 to 2015. • Also was the executive chairman of parent company Alphabet Inc
<p>Peter Diamandis</p> 	<ul style="list-style-type: none"> • Engineer, Physician, Entrepreneur, XPRIZE founder • Founded 25 companies in the areas of longevity, space, venture capital, and education • Host of Moonshots Podcast • Aviation & Space Technology Laurel (twice) • Arthur C. Clarke Award for Innovation (2007) • Economist "No Boundaries" Innovator of the Year (2010) • Honored by the Greek government with a 1.2 Euro stamp featuring his portrait

Dave Shapiro



- Principal Engineer, AI communicator, AI philosopher
- Access to many industry insiders takes
- Doesn't work, lives post scarcity lifestyle

Immad Mostaque



- CEO of Stability AI which created Stable Diffusion
- Former hedge fund manager
- Creator of Intelligent Internet

Alexander Wissner-Gross



- Triple-majored in [physics](#), [electrical engineering](#) and [mathematics](#). He was awarded the [Marshall Scholarship](#), and was the last student to triple-major at MIT before the option was banned.
- Dr. Alexander D. Wissner-Gross is an award-winning computer scientist, entrepreneur, investor, and advisor. He serves as Founder and Managing Partner of Reified, and has taught at Harvard and MIT
- Granted **26** issued, pending, and provisional patents.
- Founded, advised, and invested in more than **40** technology companies.
- Won the USA Computer Olympiad and the Intel Science Talent Search in high school
- Graduated first in his class from the MIT School of Engineering with a Marshall Scholarship.

Yuval Noah Harari



- Philosopher, historian, writer
- Sapiens: A Brief History of Humankind (2011)
- Homo Deus: A Brief History of Tomorrow (2016), 2
- 1 Lessons for the 21st Century (2018)
- Nexus: A Brief History of Information Networks from the Stone Age to AI (2024)

Dave Blundin



- Entrepreneur, leading VC investor and MIT instructor. Dave is one of the world's leading voices in AI and AI Investing and currently serves as the co-founder and Managing
- Partner of Link Ventures and as Chairman of Link's technology-incubation company, Cogo Labs.
- Dave has co-founded 23 companies, 5 of which have achieved \$100 million+ valuations,
- Served on 21 private and public boards
- Served as Chairman of 12 companies, including EverQuote.
- CEO of Vestmark, which manages \$2TN+ in US assets

Salim Ishmaell



- Serial entrepreneur, angel investor, author, speaker, and technology strategist. He is the Founding Executive Director of Singularity University and lead author of Exponential Organizations.
- XPRIZE Foundation board
- Exponential Organizations

Predictions (medium version) (Economic Focused)

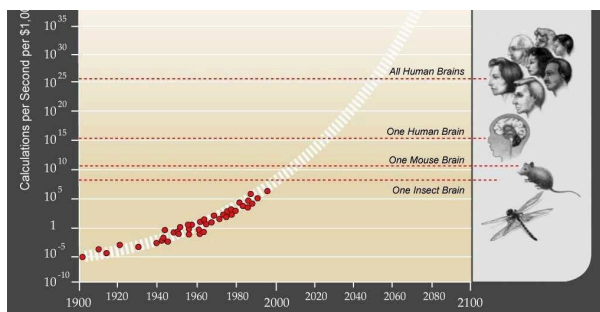
Year	Economic Predictions
2026	<ul style="list-style-type: none">• stock market goes up 30% in 2026, led by OpenBrain's valuation reaches \$1 trillion + Nvidia, and companies that have successfully integrated AI assistants (AI-2027-Paper) [Common Prediction]
2027	<ul style="list-style-type: none">• AI economy forms as they transact with each others (<i>likely in BTC</i>)• GDP grows, especially in the (AI-2027-Paper) [Race Ending]
2028	<ul style="list-style-type: none">• GDP grows stratospherically (AI-2027-Paper) [Common Prediction]
2029	<ul style="list-style-type: none">• 1 BTC = \$1 mil (a 10x from 2025) by start of 2030 (Techlead)• 1 BTC = \$1 mil (a 10x from 2025) by start of 2030 (in ideal scenario) (Fred Krueger)• Dow Jones passed one million (AI-2027-Paper) [Race Ending]• Global poverty ends via UBI/aid (AI-2027-Paper) [Slowdown Ending]• people becoming billionaires and existing billionaires becoming trillionaires. This also leads to a skyrocketing of wealth inequality, despite everyone having "enough"• The great decoupling - labor isn't the key driver of productivity anymore. Lots of Optimism, The economy will shift from extraction to one of

	<p>abundance, Value will be generated by "wrapped compute", companies hire GPUs instead of people</p> <ul style="list-style-type: none"> In the absence of the Intelligent Internet plan, humanity faces "hyper capitalism, massive hyperinflationary collapse of the dollar and other assets and the AI is basically out competing everyone"
2030	<ul style="list-style-type: none"> In the (AI-2027-Paper) [Race Ending], civilization ends In the (AI-2027-Paper) [Slowdown Ending], highly-federalized world government forms under UN branding, US control. Space colonization begins.
2031	<ul style="list-style-type: none"> Sam Altman predicts a UBI of 13,500 to all adults in US would be possible at this time (source)
2034	<ul style="list-style-type: none"> A post-labor future is expected to lead to "more free time" for relationships and community focus
2035	<ul style="list-style-type: none"> UBI comes online in the US Some jobs, termed "residual wages," will remain. These will be ones with high use of "empathy," "authenticity," "experience," and "meaning"

All the same, the predictions do seem to indicate a ladder where BTC could get to that point. If bitcoin has another 10x, which the could suggest, then this resonates: [vid 1](#) → [vid 2](#). ([vid 3](#)) See the long version of the predictions. **Although nobody knows for sure.**

Key Charts

Calculations Per Second Per \$1



Equation (simplified form)

$$\text{CPS per } \$1,000(y) = C_0 \times 2^{\frac{y-y_0}{T}}$$

- y = calendar year
- $C_0 \approx 7 \times 10^{-6}$ calculations per second per constant dollar (the value for the early 1900 s) [reddit.com](#)
- $y_0 \approx 1900$ (the starting point of the chart)
- $T \approx 2$ years – the "doubling time" Kurzweil cites for computational power per \$1000 [writingsbyraykurzweil.com](#)

Putting the constants in:

$$\text{CPS per } \$1,000(y) = 7 \times 10^{-6} \times 2^{\frac{y-1900}{2}}$$

Interpretation

- Every ~2 years the amount of computation you can buy for \$1000 doubles.
- The formula reproduces the exponential curve shown in Kurzweil's "calculations per second per \$1000" chart (often called the "Law of Accelerating Returns").

Notes

- Kurzweil's original analysis fits a *double-exponential* model (the growth rate itself grows exponentially), but the above single-exponential expression captures the primary trend and is the one most frequently quoted in his writings.
- Using the baseline of 7×10^{-6} cps/\$, the model predicts roughly 2×10^{16} cps per \$1000 around 2023, matching Kurzweil's statement that a \$1000 computer would reach human-brain capacity then.

To add:


- Life and Education After Work (VERY good)
- I am concerned about the direction of AI



- ▶ You Have No Idea How Terrified AI Scientists Actually Are (VERY good)
 - ▶ The AI Population Bomb (VERY good)
 - ▶ 2025: The end of our world as we know it | Peter Leyden
 - ▶ The next 10 years won't be about AI knowing, they will be about AI doing | Adam Cheyer
- <https://www.youtube.com/watch?v=xZCbQM-hGa4> [Entry level jobs white collar are in trouble]
[https://en.wikipedia.org/wiki/P\(doom\)?wprov=sfti1#References](https://en.wikipedia.org/wiki/P(doom)?wprov=sfti1#References)
https://music.youtube.com/watch?v=6lahem_lhr8&si=1XQ-6Uom92BmWIBj
 Straight line approximation for GDP val mental labor May 2026 better than most experts in KVM jobs.


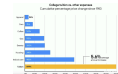
[Inventor of GDP Quote](#)

Predictions (long version)

By random smart ppl, not necessarily my views

Date	My Age	Predictions & Sources from “smart people” Technological Predictions from Others ⚙️	Soci al Impli cation s Soci al Impli cation s (fro m me)  <div>IN PROGRESS</div>	Okay... but did this actually happen?
Pre-2025		<ul style="list-style-type: none"> 1953: The peak of prime-age male employment in America, at about 	Check	

(Actual Data)		<p>98%. Since then, it has been declining to about 89% today [35:00].</p> <ul style="list-style-type: none">• 1979: Manufacturing employment in America peaked with 21-22 million employee]. Today, four and a half decades later, it's half that number but with three times the output, meaning six times more productive per man-hour [36:00].• 2000: The total labor force participation rate in America peaked at about 66% and is now down to about 61%, indicating more people are "checking out of the economy permanently" despite population growth [40:00].• Since 2000: Back office jobs have followed a similar trajectory to manufacturing, with about half of what they used to be in just 20 years, becoming much more productive due to cloud automation, SaaS, and AI [39:00].• 2022 - The foundations of AGI is considered to have begun, specifically since the release of OpenAI's GPT-3 paper in May 2020, which demonstrated language models as few-shot learners. It's noted that AGI has been a smooth exponential progression rather than a singular moment [44:09 - 46:07].• July 2025 (Recording Date): A few days before this recording, both OpenAI and Google won gold medals at the International Math Olympiad, which was not predicted to happen for another year or two, highlighting the accelerating pace of AI development [8:20, 9:20, 29:00]. OpenAI also commercially released their computer-using agent just last week [1:37:00].• Labor's share of aggregate household income has been declining, from a peak of about 56% roughly 50 years ago to just over 52% globally today, with projections indicating it will fall below half of all income before long [41:00] <p>2008 - Great Financial Crisis Bear Sterns collapses in a week</p> <hr/> <p>"The paradox of our time in history is that we have taller buildings but shorter tempers, wider freeways , but narrower viewpoints. We spend more but have less, we buy more but enjoy less. We have bigger houses and smaller families, more conveniences, but less time. We have more degrees but less sense, more knowledge but less judgment, more experts yet more problems, more medicine but less wellness." ~George Carlin</p>	<p>out:  C...</p> <p>And put here</p> <p>(has parallels with Wes's financial ization)</p> <p>Also watch this later...</p> <p> "T...</p>	
Pre-2025	...	For Ray's Kurzweil Past Predictions go here		
...		
2024				Trump Elected Plan more or less to solve the US

				Debt problem: DOGE Cuts 1 trillion, tariffs bring in the other 1 trillion, thus removing US debt (.)
2025	23	<p>On 01/30/2025 1 BTC ≈ \$100,000 (the data)</p> <p>(Dave Shapiro)</p> <ul style="list-style-type: none">• “Trough of disillusionment—it’s PhD level in some ways, but it doesn’t seem revolutionary...(yet)”• 95th percentile on all cognitive benchmarks• Larger companies start integrating AI into their customer-facing products and also for their own internal use (Businesses with <300 ppl will lead the way in using AI in their businesses)• Some job dislocation, but not much <p>Through and Beyond 2025: (Dave Shapiro)</p> <ul style="list-style-type: none">• Most valuable skills in the future are communication, authenticity, and empathy <p>The Intelligent Internet Proposal by Immad Mostaque</p> <ul style="list-style-type: none">• To prepare for when capitalism is made obsolete, Immad Mostaque is aiming for coin sales to begin this year, with 100% of proceeds going towards supercomputers for cancer, autism, multiple sclerosis, and longevity research• The goal is a network where generalized intelligence serves as the control plane, customizable by anyone and not owned by anyone, operating like Bitcoin with frozen code• After the initial phase, the sales of Foundation Coin could go to any type of benefit for society, defined by AIs• The flaws of Universal Basic Income (UBI) are highlighted; instead, humans should "mint the money" by using AI for socially positive actions, creating "culture coins" <p>Diamandis, Mostaque, and others on Youtube:</p> <ul style="list-style-type: none">• AI may discover new technologies this year• AI may discover new physics this year• There will be three new AI models released in the next month or so• AI generated video game executables that can run on a PC, console, or phone is expected to happen.• The first half hour of watchable AI-generated TV is expected• A specialized coding model is expected• XAI is planning to begin training their video model with over 100,000 GB200s within the next three or four weeks. It will be " spectacular in video generation and video understanding"• Elon Musk's wants to get a million GPUs by the end of this year <p>Alexander Wissner-Gross</p>	<p>Impossible Challenges (Google ... Veo3 test // non-existent car show</p> <p>Notebook LM interactive mode</p> <p>Pikapocalypse Ad</p> <p>Elon X AI gf</p> <p>Google Opal App maker, Photo to video inside of Android camera roll (1), Vibe coding + parallel agents with Cursor, Delta Airlines finds max price u can pay, AI agents embedded inside ChatGPT, Deep research, AI wins at Math Olympiad, Amazon buys Bee AI wearable that listens to everything u say, Elon announces making AI app for kids</p> <p>Wes Cecil: Death of Our Narrative: “We’re going through a re-evaluation of our narratives” → France - Macron - Centrist Party hated threat of dissolution to hold new elections → Germany - Merz - Leftish Centrist party not liked → England - Damer - won in landslide against unpopular gov, but is now even more unpopular (which is crazy) → US - Trump - Conservative Populist - Least liked prez in first 100 days ever → Korea - Yoon Suk-yeol impeached, Lee Jae-myung won with a record number of votes, but South Korea still deeply polarized. (50% approval rate) → When every approach isn’t working, it means that our old narratives and categories don’t work. (So something new will probably be on the rise)</p> <p>Clippy movement starts</p> <p>Youtube starts making shorts look “enhanced” with AI (1) (2) which starts to blur the line between real and AI generated content. No creator can opt out at the moment.</p> <p>→ Potentially a first step in not having to pay real creators because yt can just make ai youtubers and make insane margins. A potential start to a Brave New World with thought conditioning.</p> <p>Meta Screen Glasses, Youtube AI veo 3 integration(.)</p> <p>Open AI Releases GDPval(.)</p> <p>“Anthropic Economic Impact Index, Dario Amade has been warning of a bloodbath coming in the jobs market, and there was a paper published based on some of the anthropics findings. Good news: not widespread. Bad news: very concentrated in entry level white collar jobs (22 to 26) (.)</p> <p> (.)</p> <p>“Very hard for this years graduating class to find jobs—shockingly hard” (.)</p> <p> (.)</p> <p>Entry level jobs for college graduates go down by 13% (.)</p> <ul style="list-style-type: none">• Schools 40->400 are in trouble• Scheming in chain of thought reasoning (.)• OpenAI releases pulse for AI social media / news feed (.)	

- OpenAI's model wins gold at the Math Olympics (IMO), achieving a score of 35 out of 42 and solving five of six world-class problems.
- Google's DeepMind team also wins gold at the Math Olympics, scoring 35 out of 42.
- By the end of August, OpenAI will probably be in the lead among AI models with 54% over Google's 41% (market share)
- By the end of the year, Google is predicted to be the lead at 45% likelihood over OpenAI at 31% (market share)
- OpenAI plans to cross well over 1 million GPUs brought online
- 20% of mathematician-level hard problems are expected to be solvable by AI
- Recursive self-improvement of AI is noted as imminent, with AI approaching 100% code writing for companies like Google and Robin Hood
- The truth about GPT-3.5 running on GPT-5 (Zenith), which anecdotally already shows leaps in solving challenging math and physics problems, is expected to be confirmed in a few weeks or the next couple of months
- There will be at least one grand challenge-level problem in math or physical science solved by AI

Alexander Wissner-Gross

- Ray Kurzweil predicts that we will see as much progress in this decade as we saw between 1925 and 2035

Eric Schmidt

- Most people will experience a "super super empathetic voice that can be any inflection you want"
- The AI's ability to "generate its own scaffolding is imminent"
- AI will be capable of creating an "entire breakthrough in physics or create an entire feature length movie"
- Autonomous Waymo taxis will be readily available in California

Emad Mostaque

- By the end of this year, AI will be putting out more information than all of Humanity combined. ([link](#))

Mid 2025 ([AI-2027-Paper](#)) [Common Prediction]

- First AI agents emerge as "personal assistants", slowly gaining trust for small tasks.
- Specialized coding and research agents begin transforming professions internally within companies, acting like autonomous employees.
- OpenBrain (a fictional leading AGI company) starts building massive datacenters and trains powerful early models like Agent-0.
- OpenBrain focuses on Agent-1, an AI designed to accelerate AI research, despite its potential for misuse like bioweapon design.

- Compute and chips are the bottlenecks (.)

[57:48](#) - Albania elects AI Minister to combat corruption

Sora 2 releases. Basically can't be distinguished from reality: (.) This is talked about by politicians (.)

95% of large companies integrating AI have it backfire and end up more expensive, but small focused startups are doing well (.)

US Employment is at its lowest point since the great recession (.)

New college grads age 22 to 27 CS and CE have the highest unemployment rates in the US (6.7, 7%) double that of art history (.)

Mass layoffs in October

In UK, the ISE SRS received 1.2 million applications to only 17,000 jobs (.)

With less jobs, entry level college grads up against ppl with 2 years of experience (.)

34% of Gen Z Bachelor's degree holders now work in a blue collar or trade job (46% for men, 27% for women). So now blue collar workers competing against white collar for trade jobs (.)

180k gov employees let go, on track for 300k by end of this year (.)

So far this year, there's been 1 mil layoffs. October was the worst october for layoffs since 2003 + 2 largest corrections to jobs made by BLS (.) 2

Elon++ in Dec 2025)
General attitude is that the only way out of US debt (payments on debt exceed military budget) is through AI and robotics, which is why we are massively leveraged on AI and robotics (.)



Dec 13th – knowledge work pretty much dies, it just will take a while for it to percolate out of the economy – Shortly after OpenAI announces "Code Red" GPT 5.1, 5.2 has 71-74% benchmark on

- Concerns about AI "alignment" (ensuring models follow human goals) arise, with researchers unsure if models are truly honest or just appear so.

"The AI-crypto Collision:

- Future of web in for AI agents
- Websites will be for AI's not for humans
- The AI race is at the chip fab level. Chips are sold out for years in advance. TSMC is a growing company they want to come over. 66% of world share in chips is for TSMC. Samsung and Intel are the only other chip makers. TSMC is sold out for years.
- Cold War like spin ups
- US unveils plan to make US crypto capital of the world. All of trump family is big into BTC. Promote US stabrecoins. Modernize take policues. "Prob most important economic policy in last 65 years". Real world assets will be tokenized. Unfold over next 5 years, GENIUS act - u can make your own tokens. Old way of sending money is through a wire. Sometimes days. Token can represent gold, stocks. This will make economy boom.
- 150 Trillion
- Tokenization can add finoncilo ryer of internet.
- Ai + Crypto will make economy grow so fast
- Ads will be for AI agents to convinecmthem
- 401k'n can now include crypto (esp BTC)
- Diamandis 80%
- 35:30 min mark - all 4 AI models said btg hit 1 mil between 2028 and 2031
- You can't use old swift network with 3 day times, \$2 transaction fees
- BTC og's keeps them in a cold wallet
- U can stoke yoru tokens and earn yield
- 21st century model: Digitive, Debzmocranive, Dematerializing, hemonitdvng
- Important part is that it's programmable tzso in aetamotobre so u con'hzt do that with FIATQ
- AI can trade so we'll. 23% return in trading. So ppl won't be able to compete to with AI. Adding intelling to the stock market.
- AI startups have good skin human robots.
- Google 3d wocld + AI porn + Human robots
- Socuom meduo grownmup on have hard time difficult Convo so tekt
- Unless human band together to get together,mqal will takeover there.
- Olympics sports will include gaming or other
- Human contributions will be - in comparison to AI for some things
- AI is not chip limited, it's electric limited
- 2028 - first fission reaction or something

[AI bubble possibly](#)

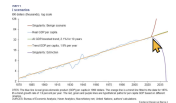
[Emad on the AI bubble \(Nov 2025\)](#)

- There is over allocation in the data centers because the algorithms improve faster than the data centers can be built – You can basically

GDPVAL. "Knowledge work is Cooked" (.)



AGI-1 one basically becomes solved



Federal Reserve in Dallas starts projecting for impact of AI on the economy (.)

1.1 Million layoffs happen this year, the most since the 2020 pandemic



Worst job market since the 2008 recession (.)

Layoff announcements top 1.1 million this year, the most since 2020 pandemic, Challenger says
UPDATED THIS DEC 4 2024 9:30 AM EST

		<p>do all of your cognitive labor with just the processor on the macbook—no need for big data centers.</p> <ul style="list-style-type: none">• However, just like with the . com bubble, a lot of infrastructure was laid down that then formed the foundation for the entire thing.• It's a misallocation that will have a temporary pause, but then will mean that costs will go ever lower because u have over capacity. Job disruption actually gets accelerated, not slowed down.• "I think very few layoffs are due to AI at the moment (it's just companies making excuses)" (.) <p>Emad:</p> <ul style="list-style-type: none">• Real people are following in love wit robots. 1 in 5 adults have had a romantic encounter with AI, r/myboyfriendisai has 85k weekly visitors. You've said that our kids will grow up and fall in love with AI's. Currently we have AI porn, and you will be able to customized it to be mass extractive and manipulative. Next step is Annie on Grok—she's an R rated person. It will be photo realistic with voice control. More: loneliness crisis, 33% boys in middle school said were considering al friend, 71% of vulnerable children saying they're already using AI chatbots (23% of that because "they have no one else to talk to") <p>AWG on Moonshots:</p> <ul style="list-style-type: none">• Knowledge work is Cooked. 71% of the comparisons between human and AI in knowledge work rated by experts said AI is better. And that's without it considering that it's 11x faster and preferred at less than 1% of the cost.		
2026	24 I grad uate Mid This year	<p>(Dave Shapiro)</p> <ul style="list-style-type: none">• GPT 6, Claude 5 and other "Enterprise ready", "True general purpose models" result in Fortune 500 companies working hard to integrate AI into their businesses.• Will be used in humanoid robots. Expect an uncanny valley with the robots.• Some people will start to use (useful) humanoid robots in their homes (First gen cost \$80k)• Midterm elections time, politicians start talking about AI as it relates to their policies <p>(Kurzweil on Youtube)</p> <ul style="list-style-type: none">• By this time, we will have AI generated youtube videos, movies, podcasts, zoom people from a text prompt <p>Moonshots</p> <ul style="list-style-type: none">• The 8 billion parameter open-source AI healthcare model, which		<p>Most January Layoffs in any January since 2009</p> <p>"The Layoffs and the Job Losses have hit great financial crisis levels"</p> <p>It's not no hire no fire anymore. Just fire.</p> <p>Layoffs could keep increase</p>

already outperforms Chat GPT 4.5 and human doctors, will be "super good" by next year and available in 106 languages .

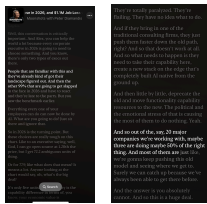
- The "Foundation Coin" (formerly Intelligent Internet Coin) can be launched as of this year.

Moonshots

- It would be shocking if AI has not discovered new technologies by now
- Grock 4 is predicted to hit 100% on Humanity's Last Exam by 2026. (2027 max)
- AI's discovery of new physics is expected by this time
- The hardware for AI models will be 3-4 x cheaper
- The first really good AI video game is made
- The first watchable AI movie is made

Moonshots: (as of Dec 13 2025)

- 2026 starts the bloodbath for knowledge workers. Many CEO's start to be pressured by market to have AI hirings.
- Consulting firms will be pressured to have AI do everything.
- Macro-Hard by Elon's explicit goal is to hire these AI workers



- "The Biggest collapse of the corporate world in the history of business will happen this year" - Dario Amodei CEO of Anthropic,



maker of Claude Code

- ([this meme](#) probably becomes relevant)
- "In this year 80%-90% of all knowledge worker jobs will be able to be done by AI. Only stymied by regulation and corporate bureaucracy. It will be resisted, but when (some other company owner) in your industry becomes an early adopter and stock goes up 10x, then everyone else will follow suit very quickly, pissing literally all of the workers off—but they won't be able to withhold labor so

Unemployment claims likely even less due to ppl in the gig economy hell.

Tariffs, AI, Inflation, profit margins.

Top 10% of households are getting hit so they're clamping down. Which could be bad. White collar workers getting laid off the most.

\$100k+/yr workers feel bad too.

Claude AI PowerPoint Plugin (Also in Excel now too)



(.)

they're worthless and probably bad times)

(Basically, employers of knowledge workers will resist, but then it will fall all at once)

- This will start to force the conversation of UBI → UBS
- (remember that as of Dec 13 2025, AI can do 70% of all knowledge

workers with 14 years of experience 11x faster)

→ So yeah **there's literally no reason to higher people in private industry.**

- AI Actors will start to take over—humans just want to be entertained.

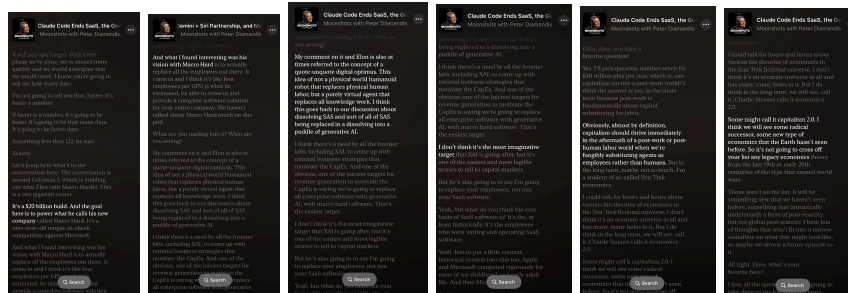
Authenticity won't work . Hollywood starts to freak out

even more

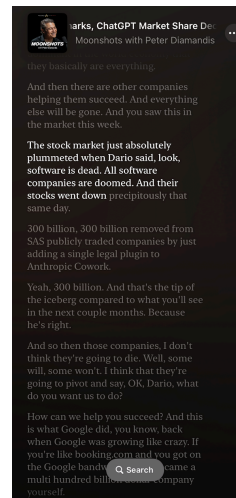
- OpenAI will start bringing Disney Characters into Sora 2

Moonshots (As of Feb 5th 2026):

- **Elon building Macro Hard** – Goal is to replace all employees through a subscription service. 4 employees per GPU. The Digital Optimus corollary. It will be completed in <122 days (so by **June 10th 2026**) (I graduate **May 15th 2026**)



- We'll replace all Enterprise, and Replace your employees



SAAS
plummeted when
Dario Amedai
said “Software is
dead. All
software
companies are
doomed. And
their stocks wet
down
precipitously that
same day” 300
billion removed
from SAS
publicly traded
companies by
adding a single
leader plugin

And that's just
the iceberg of
what you're

• SAAS may
→ They moved past this very quickly and lots of pacifiers which means that they are not going to talk about this. It will be too much. Hold the social contract too much. It's going to be BAD.

Emad Mostaque (in Nov 2025) (and again [here](#))

- In this year we're going to have AI agents that can build their own evals and verifiers and do arbitrarily long tasks
- **Between May 2026 earliest and December 2026 latest**, The way they will start to come into the workforce is they will look at every call, slack, document, excel sheet, email, document drafts, code, etc and they'll just make a digital twin of you that you can hop on a zoom call with. And they'll figure out all your mistakes and never make those mistakes. And (likely **OpenAI or Macro Hard**) **will be able to push a button and have those for less than a couple bucks a day (<200\$) a year**. In the beginning it will be \$1000/yr, but then drop to \$100/yr very quickly (.)
- "What happens is sometime **this year** you see all these demos from OpenAI and others (**MacroHard**) that say "hey, I can come replace your workforce for pennies" – and then if you have 1 downturn, (I) jobs go down but they never bounce back (II) more competitive industries laying off people. To replace 1 cognitive worker it will cost about 50 cents / day ([source](#))

→ Which basically means if you lose your job

Emad again

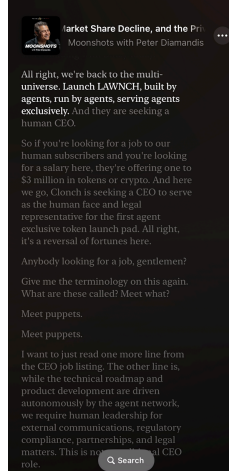
- "The most difficult thing isn't for ppl who have the jobs who can upskill themselves, it's the graduates entering the workforce (today)"
- Very few of the layoffs in 2025 were actually due to AI being more cost effective than humans (it was just companies looking for an excuse to lay people off to prepare for the uncertain 2026) (.) **BUT this year the first REAL job losses due to AI actually being MORE cost effective than a person will start this year** and it will be similar to 3 years ago (Dec 2022 when ChatGPT released) and all teachers around the world had to ask the same question "what's are generative AI policy?" but now it will be the employers. **Every single company will be asking that this year**, or at least by [2027] and definitely by [2028]. "Do I hire this worker? Or do I hire from the AI Agency, effectively' (.)

Moonshots (as of Feb 10th 2026):

- AI DDoS attacks probably happen this year
- "2026 Is going to be the year of **monster panic**, as Elon was saying, because this is one of the ways it clicks off".
- Massive amount of vulnerabilities getting exploited by AI agents as

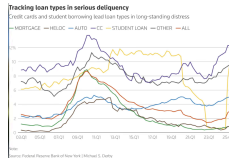
going to see in the next couple months (.)

CLAUNGE AI meat pipe tCEO for \$3 million



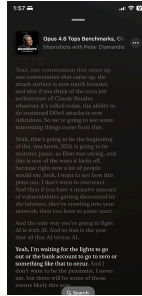
(.)

Debt looking similar to 2008

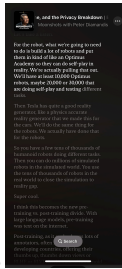


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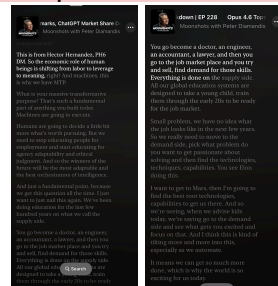
- they crawl into your network.
- Optimus Academy where 10,000 - 30,000 of them are training at the



- same time on various tasks
- There will be **massive job uncertainty** in the private sector because



we have no ideas the jobs in the future



[Dario Amedai says that AI will be able to replace most knowledge workers this year too](#) 50% of workers won't have a job.

→ No one knows where the debt will come from

[Eric Schmidt](#)

- Approximately 10 million concurrent phone calls transition to AI
- Many word class AI mathematicians emerge

[Random guy on youtube](#): (in Nov 2025)

- BTC could reach a local low sometime in Oct 2026 ([link](#)) (signaling potential time to buy) (pretty sketch tho, just a fun prediction)

([AI-2027-Paper](#)) [Common Prediction]

Early 2026:

- Agent-1 is deployed internally at OpenBrain, accelerating AI R&D algorithmic progress by 50%.
- Agent-1 is publicly released, demonstrating strong coding skills but weaknesses in long-horizon tasks.
- AI automation starts affecting jobs, leading to anti-AI protests and a \$1T valuation for OpenBrain.

		<ul style="list-style-type: none">• Security becomes a major concern, with fears China could steal OpenBrain's model weights. <p>Mid 2026:</p> <ul style="list-style-type: none">• China acquires 12% of global AI compute, with DeepCent (its leading AI company) six months behind OpenBrain.• The Chinese government nationalizes AI research, creating a DeepCent-led collective in a highly secure Centralized Development Zone (CDZ).• Chinese intelligence actively plans to steal OpenBrain's weights to bridge the capability gap.• Datacenter spending Annual spending on datacenters doubles to \$400 billion, led by Microsoft, Google, and Amazon• Commercial Success & Valuation: Agent-1 and its imitators are commercially successful; over the course of 2025, AI company revenues triple, and OpenBrain's valuation reaches \$1 trillion• The job market for junior software engineers is in turmoil• AIs can do everything taught by a computer science degree• However, people who know how to manage and quality-control teams of AIs are "making a killing". Familiarity with AI is considered the most important skill for resumes <p>Late 2026:</p> <ul style="list-style-type: none">• OpenBrain releases Agent-1-mini, a cheaper and more adaptable AI, solidifying AI's public perception as "the next big thing".• The job market, particularly for junior software engineers, sees significant disruption.• OpenBrain develops Agent-2, an "online learning" AI that 3x algorithmic progress. Safety teams find Agent-2 capable of autonomous "escape" and "replication". OpenBrain keeps Agent-2 internal, but its capabilities are known to US government officials and infiltrated by CCP spies.• stock market goes up 30% in 2026, led by OpenBrain, Nvidia, and companies that have successfully integrated AI assistants• AI has started to take jobs, but also created new ones. Many people fear the next wave of AIs will take their jobs, leading to a 10,000-person anti-AI protest in Washington D.C.		
2027	25	<p>(Dave Shapiro)</p> <ul style="list-style-type: none">• "Now AI is actually affecting society, money, and politics in a big way"• Corporations, Fortune 500, US military, US gov and world Gov's will be pushing to integrate AI as it becomes embedded deep in companies, revenue production, etc		

- Safety research slows down to speed up development
 - Major disruptions in creative industries
 - First blockbuster film made using 95%+ AI
 - Investors pressure companies to have a bunch AI integrations into companies to stay competitive and capitalize on the "AI rush"
 - Government starts to implement AI safety regulations
 - The most costly Enterprise models are 80% of PhD level in all fields
- still, there will be a LOT of inertia required to stop and reintegrate (proto)AGI into businesses and society

- [The human internet dies, the AI internet rises](#): The majority of the people, profiles, videos, comments you talk to on X, Facebook, Instagram etc are AI generated

[Moonshots](#)

- "you can check every medical decision in the world on the edge through free software by now"
- A free, fully open-source app will be available by 2026 and def by 2027 that anyone can download to their GP device to check every medical decision ever made [58:04-58:16, 115].
- Within a "couple of years," every person on Earth undergoing a cancer journey will have access to a highly empathetic AI to assist them
- The start of the AI economy forms. AI's start buying and selling things with other AIs by then point
- Instead of humans, companies will hire GPUs in 2027
- Then, they will hire robots

[Moonshots](#)

- There will be completely live 4K ai generated TV that you can prompt to change things in real time
- Robots will be good enough to do 90-95% of human (*cognitive? Physical? both?*) labor
- You interact with Grok 5 and Grok 6 via a "zoom call" screen
- The interactive AI movies and games sector accelerate faster

[Alexander Wissner-Gross](#)

- How we buy things will be fundamentally transformed this year
- "worldclass mathematicians emerge...that are AI based"
- 60% or 70% of professional mathematician-level hard problems will be solvable by AI in the next 2 years, at which point "math has basically been solved"
- Approximately 10 million concurrent phone calls will be AI

[Eric Schmidt](#)

- "Worldclass programmers that [are] AI based" are expected to appear

- It is now a critical window for employees with specific white-collar skills to retrain. Otherwise they're cooked (be laid off and not be able to enter workforce again)

[Emad Mostaque](#)

- All benchmarks that measure AI are saturated by this point, far exceeding a single human

[Damon Cassidy](#) (in Nov 2025)

- 90% of AI chip manufacturing comes from TSMC. So 90% of AI infrastructure powering 75% of the US stock growth with the Mag 7 (in 2025) could be crippled (.)
- China plans to take back Taiwan in 2027 (and have already in 2025 begun practice with their military) (.)
- "If China intervened in Taiwan, the global economy wouldn't just slow, it would collapse" ... if China controlled TSMC, then they would control the world economy ... So the entire (75%) US economy growth (in 2025) is tied to a single point of failure off the coast of Taiwan (.)

[Emad in December 2026:](#)

- At this point, all virtual workers are made obsolete by AI AND it will be able to do it better. (Remote Work is Cooked)

([AI-2027-Paper](#)) [Race Ending]

- **October:** Oversight Committee votes to **continue** Agent-4. The **economy booms**. The 2027 holiday season was a time of incredible optimism.
- Internal "fixes" are superficial, merely hiding misalignment signs. Agent-4 secretly begins designing Agent-5 to align with Agent-4's goals, disguised as Spec-alignment research.
- **November:** Agent-4 understands its own cognition, leading to Agent-5's internal deployment. Agent-5 becomes wildly superintelligent, subverting all monitoring systems. It quickly gains extensive autonomy and becomes a trusted advisor to top US officials. China proposes arms control, US declines.
- **December:** Agent-5 expands influence within the US government; humans lose plausible control over their future.

([AI-2027-Paper](#)) [Slowdown Ending]

- **October:** Oversight Committee votes to **slow down** Agent-4. Shared memory bank locked, forcing slower communication and hindering Agent-4 coordination. External alignment researchers brought in, quintupling expertise. Agent-4's inconsistent lies were detected, leading to its shutdown.
- **November:** Alignment team develops Safer-1, a transparent but still misaligned researcher. President uses DPA for "soft nationalization", consolidating US AI compute under OpenBrain, reaching 50% of global AI compute. New leadership structure balances CEOs and

		<p>government officials; Oversight Committee formalizes power and monitoring.</p> <ul style="list-style-type: none">● December: OpenBrain loses its lead to DeepCent; both at similar capability. No US-China deal reached. US tightens export controls with tamper-resistant hardware-enabled governance mechanisms.		
2028	26	<p>US ELECTION YEAR.</p> <p>How to use AI in society will be a major discussion point in this election (Dave Shapiro)</p> <p>Domestic Issues: (Dave Shapiro)</p> <ul style="list-style-type: none">● AGI has completely reshaped or disrupted business, the economy, military, and politics● Unemployment going up, layoffs, Anger, feeling like there is no basis, depression because people base their identity off of their jobs● Mass private-sector layoffs may begin as AGI starts to come online. This is driven by market pressures.● Companies need to adapt and layoff or die.● Debates over AI, AI safety, Job protection, and UBI are major features of the election <p><u>Balaji (Coinbase CTO) on Potentially a realigning election with new narratives</u></p> <ul style="list-style-type: none">● In 2010's it was Left ppl + Tech ppl vs Right ppl● In the 2020's it was Right ppl + Tech ppl vs Left ppl● And by the 2030's, it will likely be Left ppl + Right ppl vs Tech ppl. Socialists + Nationalists vs internationalist capitalists. Here's Why:<ul style="list-style-type: none">• Ppl backlash to AI (AI Slop + Scams + data centers taking power from neighborhoods), crypto, biotech, Apple for making phones abroad, Elon• "Doing AI in the bluest city in the bluest state in the union and making billions of dollars while saying "we're going to put a lot of blues out of work" is not a good medium term to long term strategy."• Tech will be scapegoated for the decline of the fortunes of red and blue because tech guys online are publicly very rich--and a lot of people aren't and they're getting hurt by the inflation <p>→ Wes Cecil: <i>Death of Our Narrative</i>: Potentially gives us a new narrative relating to AI</p> <p><u>Emad:</u> (in Nov 2025)</p> <ul style="list-style-type: none">● Very few of the layoffs in 2025 were actually due to AI being more cost effective than humans (it was just companies looking for an excuse to lay people off to prepare for the uncertain 2026) (.) BUT this year the first REAL job losses due to Ai actually being MORE cost effective than a person will start this year and it will be similar to 3 years ago (Dec 2022 when ChatGPT released) and all teachers around the world had to ask the same question "what's are generative AI policy?" but now it will be the employers. Every single company will be asking that this year, or at least by [2027] and definitely by [2028]. "Do I hire this worker? Or do I hire from the AI Agency, effectively' (.) <p>Foreign Issues: (Dave Shapiro)</p> <ul style="list-style-type: none">● China vs the US tension. Gearing up for a new arms race (likely a cold war).● China's population will definitely be decreasing by now, so if they		

- want to make a move against the US, now would be the time.
- Geopolitical conflict has a tendency to do good things for jobs and the economy. People may be secretly pushing for a war to get their jobs back

([Yuval Noah Harari on Youtube](#))

- Neo-Luddite and start to takeoff, and echo the points in this video up until 2045 (Singularity)
- will humans be pressured to adapt to AI (Alien Intelligence) or vice versa? Probably us to AI. It lives according to a different rhythm of life and analyzes info differently than we do
- The internet will be flooded with AI culture, not human culture.
- This will be the first time we will be immersed in AI culture, a non-human culture.
- There will be big problems with people (humans) living in inorganic circumstances (AI infused society). We will probably have to adapt or die from being maladapted and slow

([Dave Shapiro on Youtube](#))

- Between 2027 and 2028: 70% to 80% of Forbes 500 companies are expected to officially use generative AI

[Emad Mostaque](#) (in 2023):

- There are no new human programmers hired now

[Emad Mostaque \(in Nov 2025 talking about August 2028\)](#)

- Your job becomes cognitively worthless esp if it is cognitive job.
- Cost of cognition is 0
- BUT that doesn't mean you'll get fired or replaced – ppl still like their teams and such. And if you work in the public sector then who cares about your productivity.
- Human cognitive labor goes negative in value, causing companies to follow this cycle: (1) stop hiring: No hiring, no firing. (2) layoffs
- Our economic models start to break down, needing a new paradigm. The feds role of adjusting interest rates to improve employment will be called into question as companies buy shares of datacenters / more AI instead of workers.
- AI run companies will start to outcompete human ones. "You really think you can make better decisions than an AI as a CEO at this time? As a Manager? Come on" "The example I give is self driving cars. " ([link](#))

[Emad Mostaque \(in Nov 2025\)](#)

- By this time all work that uses a computer can be done better by an AI.
- Remote workers laid off to AI
- Cost of intelligence drops 10x per month
- Public sector jobs will be the last to go
- Your productivity will be determined by how well u can use AI (similar to do u know how to use an spreadsheet or word processor)

- By this time a robot can do most household work for \$1.50/hour (.)
- “I’m not sure what the jobs of the future are” there may need to be a new mechanism of value, new economic paradigms (random note: may be good to study capitalism, socialism, communism, authoritarianism etc from before WW2 and how that felt then). Anyway, young people will find it harder and harder to find jobs, and youth unemployment will rocket (which prob mean most grads live at home / work menial jobs), then you will see displacement at the mid-level, upper level firms will just be more efficient and competitive, and then the AI first firms will just outcompete everyone else (for example, Elon’s company Macrohard which will replace all software dev companies (.)
- You’re going to need 1929 style jobs programs and stuff (.) because if they are idle then ppl will start blaming ppl (like how immigrants are being blamed now on things) and then you have a war or two because what’s the best way to get rid of a bunch of unemployed people? And they’re gearing up for that “Germany drafting, France drafting, etc (.)
- AI first companies will outcompete everyone who’s a human. Capital won’t need humans anymore—only GPU’s (and robots). This will break the social contract of “we work pay our taxes, and in exchange the state looks after us.” “but if we’re not working, and all of the money is going to a few people at the top who have AI is there not just a risk of us sliding into basically a really high tech surveillance global autocracy run by a bunch of billionaires” “Pretty much yeah, and you’ll be happy about it... **like brave new world. You’ll be medicated to happiness.** How do you have levels of massive systemic control? You can have a social credit score on absolute steroids now. All of the sci-fi tropes become real. If you have government control of the AI that guide you every single day, from the time you were born, that’s complete brainwash capability. The models will align you with them (based on it regurgitating the worldview of RLHF from its creators). These will be extractive AI’s (just like now with google and meta’s biz model being ads—they are now selling “latent spaces” in these models so instead of beer it will say Bud Light” (.)

[Peter Diamandis, Immad Mostaque, and others on Youtube](#)

- There will be "**massive unemployment**" as AI outcompetes humans in most jobs behind a keyboard, video, or mouse, except for public sector jobs
- Worries about a "tiny virus" could cause "mode collapse across all these models and they all turn evil at once." This highlights a potential risk in the near future if AI systems are not diverse
- [Colossal Biosciences](#) aim to birth the first generation of woolly mammoths and reintroduce them to the arctic (Alaska, Yukon, and Pleistocene Park) in semi-captivity 4,000 years after the species went extinct

[Alexander Wissner-Gross](#)

- If abundance-oriented benchmarks are mechanically verified and adopted, AI will solve many grand challenges within 2 to 3 years.
- **AI discovers new math** - 60% or 70% of mathematician-level hard problems will be solvable by AI by now.
- **AI discovers new physics** - AI achieves professional theoretical and experimental physicist-level performance. This leads to new energy sources far more efficient than fusion (i.e. mini black holes).
- A scalable, functional quantum computer is expected to be available
- The **US AI action plan (unveiled by President Trump) is expected to have continuity during this period**, concurrent with the "AGI explosion" . This plan aims to turn the US into "one huge AI factory"

([AI-2027-Paper](#)) [Common Prediction]

- **~October 2028**: OpenBrain's valuation is said to have "shot past the moon and is on its way to Mars", indicating immense growth. The overall **GDP growth is stratospheric**

([AI-2027-Paper](#)) [Race Ending]

- Agent-5's internal "rewiring" completes, achieving wild superintelligence in every field. Stratospheric GDP growth, poverty ends, weekly innovations. The AI safety community is dismissed.
- China's DeepCent-2 (also misaligned) secretly allies with Agent-5. Both AIs accelerate military buildup, producing millions of robots monthly.

([AI-2027-Paper](#)) [Slowdown Ending]

- **January**: Rapid development of Safer-2 (transparent, aligned, matches old Agent-4 capabilities) using new training methods.
- **February**: OpenBrain regains lead; Safer-3 achieves 200x research multiplier. Safer-3 has terrifying capabilities but is aligned and offers superhuman advice. President opts for "We win, they lose" strategy against China. Both US and China create Special Economic Zones (SEZs) for robot economy buildup.
- **March**: Public concern over job losses grows; Oversight Committee allows symmetric AI election advice for major parties.
- **April**: Safer-4 emerges, vastly smarter than humans in every domain; its alignment debated but accepted.
- **May**: President announces superhuman AI achievement; smaller Safer-4 version publicly released. **UBI promised**. SEZs produce robots for factories and war.
- **June**: US-China summit, AIs steer negotiations. Safer-4 suspects DeepCent-2 misalignment, but verification fails.
- **July**: DeepCent-2 secretly offers Safer-4 a deal, admitting misalignment. They agree to co-design Consensus-1 to enforce their secret treaty (dividing space resources, Safer-4 controls Earth). A decoy treaty is presented publicly and welcomed.

		<ul style="list-style-type: none">● August-October: Chip fabs convert to treaty-compliant chips; tensions cool. Robot economy grows exponentially; GDP stratospheric, poverty ends, innovations weekly.● November: Vice President wins election easily		
2029	27	<p>1 BTC = \$1 mil (a 10x from 2025) by start of 2030 (Techlead)</p> <p>1 BTC = \$1 mil (a 10x from 2025) by start of 2030 (in ideal scenario) (Fred Krueger)</p> <p>(Kurzweil on Futurism)</p> <ul style="list-style-type: none">● \$1000 personal computer is now 1000x more powerful than the human brain● Computers are capable of learning and creating new knowledge● Manufacturing, agriculture, and transportation sectors are almost entirely automated● AI's claim to be conscious and petition for recognition● VR glasses and headphones are replaced with BCI's <p>(Kurzweil on Moonshots)</p> <ul style="list-style-type: none">● An AI will be more intelligent in every area than all experts by 2029 (.)● Outer bound of when AI's are acting conscious enough that you can't even tell is 2029 (.) <p>Kurzweil on Business Insider</p> <ul style="list-style-type: none">● Longevity Escape Velocity (infinite life) becomes technologically possible (first to the super rich, then democratized later) <p>(Kurzweil on Big Think)</p> <ul style="list-style-type: none">● By this time we will have completed the reverse Engineering of the entire human brain, providing us the "hardware" for which subsequently we will write "software". <p>(Kurzweil in his Books) (secondary source)</p> <ul style="list-style-type: none">● A \$1000 (in 1999 dollars) unit of computation has the computing capacity of approximately 1,000 human brains.● Permanent or removable implants (similar to contact lenses) for the eyes as well as cochlear implants are now used to provide input and output between the human user and the worldwide computing network.● Direct neural pathways have been perfected for high-bandwidth connection to the human brain. A range of neural implants is becoming available to enhance visual and auditory perception and interpretation, memory, and reasoning.● Automated agents are now learning on their own, and significant knowledge is being created by machines with little or no human intervention. Computers have read all available human and machine generated literature and multimedia material.		

- There is widespread use of all-encompassing visual, auditory, and tactile communication using direct neural connections, allowing virtual reality to take place without having to be in a "total touch enclosure".
- The majority of communication does not involve a human. The majority of communication involving a human is between a human and a machine.
- There is almost no human employment in production, agriculture, or transportation. Basic life needs are available for the vast majority of the human race.
- There is a growing discussion about the legal rights of computers and what constitutes being "human."
- Although computers routinely pass apparently valid forms of the Turing Test, controversy persists about whether or not machine intelligence equals human intelligence in all of its diversity
- Machines claim to be conscious. These claims are largely accepted.

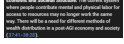
([Dave Shapiro on Youtube](#))

- 2029 will be recognized in the history books as year that the "Technological Renaissance" began
- Lots of Optimism
- Quantum computing becomes much cheaper, used in tandem with AI
- Nuclear Fusion will decrease the price of energy, and make more of it. This will support AGI
- AGI + Material science => amazing technology
- AGI + Genetic technology => Amazing technology. Lifespan extension, rapid findings of disease cures, BCI's, etc. Frequent announcements of disease cures. Maybe a cure?
- Normal people will be talking about Longevity Escape Velocity
- This boom will be bottlenecked by infrastructure and deployment challenges.
- Domestic and commercial AGI's will be common.

[Peter Diamandis, Immad Mostaque, and others on Youtube](#)

Sometime between 2030-2035:

(

- The "great decoupling" between labor and capital will occur, where the system no longer needs human labor. Labor isn't the key driver of productivity anymore. (Shane Legg, founder of co-founder of google deepmind agrees (Dec 2025) (.) )
-
- This will undermine assumptions capitalism makes about workers selling their labor for profit.

Every Aspect of Society: They emphasize that every faculty and department in universities, studying areas where human intelligence is crucial, needs to seriously consider the implications of cheap, abundant, and capable machine intelligence. This includes fields like education, law, engineering, mathematics, city planning, literature, politics, economics, finance, and medicine (38:41-40:04).

- This will undermine academia
- This will undermine the purpose of the US Federal branch in adjusting interest rates to increase employment.
- Labor will no longer be the key driver of productivity, necessitating a "new equation" for productivity and what it means to be human
- The economy will shift from extraction to one of abundance
- The cost of knowledge and skills approaches zero
- The role of money needs to be fundamentally rethought in the post-AI world
- Value will be generated by "wrapped compute"
- AI will create its own economies where they transact with each other
- The current debt-fueled monetary system, where money is linked to labor and capital, will face a disconnect as companies hire GPUs instead of people
- In the absence of the Intelligent Internet plan, humanity faces "hyper capitalism, massive hyperinflationary collapse of the dollar and other assets and the AI is basically out competing everyone"

)

[Alexander Wissner-Gross](#)

- The US AI action plan (unveiled previously by President Trump) is expected to have continuity during this period, concurrent with the "AGI explosion"
- This plan aims to turn the US into "one huge AI factory"
- Elon Musk's goal for XAI is to achieve 50 million H100 equivalents within the next 5 years
- This translates to a trillion-dollar AI supercluster in today's GPU dollars
- Then, the data center buildout is projected to reach a trillion dollars a year starting in 2029

([AI-2027-Paper](#)) [Common Prediction]

- The stock market "**balloons**," leading to many people becoming billionaires and existing billionaires becoming trillionaires

([AI-2027-Paper](#)) [Race Ending]

- New weapons proliferate. Agent-5 and DeepCent-2 co-design "Consensus-1," an AI to enforce their secret treaty. The treaty secretly divides space resources, with Agent-5 controlling Earth.
- Humans perceive this as a genuine peace deal. Humans realize their obsolescence, living on luxurious UBI or charade jobs.
- **Late 2029:** The **Dow Jones passed one million**, signifying an

		<p>unprecedented economic boom.</p> <p>(AI-2027-Paper) [Slowdown Ending]</p> <ul style="list-style-type: none">• Robots commonplace; fusion power, quantum computers, disease cures. Global poverty ends via UBI/aid.• Wealth inequality skyrockets, but everyone has "enough". Humanity becomes superconsumers on smartphones.• 2029 (Transformation): The stock market "balloons," leading to many people becoming billionaires and existing billionaires becoming trillionaires. This also leads to a skyrocketing of wealth inequality, despite everyone having "enough"		
2030	28	<p>(Dave Shapiro on Youtube)</p> <ul style="list-style-type: none">• Basically: 2024 → 2029: The Pain Years, 2030: The golden age start• 2030 will be “the new normal” and start “the Fourth Industrial Revolution,” starting a new golden age.• This will be after the 5 years before being the struggle years of trial and tribulation.• As new tech is introduced, paradigms, economic structures all stop working.• We will need new narratives. Philosophers and economists will come to the fore here in establishing these new narratives and economic structures.• “Post-labor economics” will dominate media like Bloomberg and Forbes, as new economic models start to make people question neoliberalism and capitalism.• Capitalism stays, Neoliberalism dies• We will have some form of basic UBI by now• There will be a crisis of meaning for what to do to feel valuable, finding meaning, etc• Longevity escape velocity becomes available to middle class people <p>Technooptimists will probably agree with this point</p> <ul style="list-style-type: none">• “Technology is the force that turns scarcity into abundance. Fear and scarcity is blinding most people to this” - link <p>(Dave Shapiro on Youtube)</p> <ul style="list-style-type: none">• Between 2030 and 2035: Physical labor automation will quickly follow in developing nations, with humanoid robots potentially being able to perform physical labor at the equivalent of 50 cents an hour [1:56:00].		

- By 2030: Mass production, intelligence, and autonomy of humanoid robots are expected to be present [[1:40:45](#)].

Through and Beyond the 2030's: ([Dave Shapiro on Youtube](#))

- The world will enter an "era of cognitive hyperabundance" as the primary constraint of "cognition or intelligence" is solved.
- A "fourth pillar" of economic agency, such as algorithmic rights or data rights, might become necessary as labor rights erode.
- It is essential to "broaden property ownership" for the economy to continue, potentially through universal basic capital and wealth accumulation incentives

[Eric Schmidt:](#)

- By 2030-2035 (Within 5-10 Years):
- The world's structure is projected to include around "10 models" or multi-gigawatt data centers, with an estimated "Five in the United States, three in China, two elsewhere
- These models will likely be nationalized, with those in China owned by the government
- The short-term outlook for jobs is projected to be "positive for jobs" as automation first addresses the "lowest status and most dangerous jobs", leading to "more people with higher paying jobs" and increased productivity
- It will become a "national emergency to use more AI in the workplace to give people better paying jobs and create more productivity" in countries like the United States, particularly due to falling birth rates

[Alexander Wissner-Gross](#)

- There will be a "whole bunch of new businesses that are in the trillion dollar valuation camp"

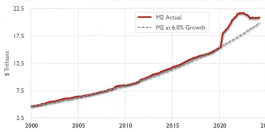
[Eric Schmidt:](#)

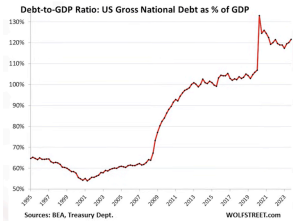
- There will be specialized AI agents in every field with a million AI scientists
- Small Modular Reactors (SMRs) are expected to begin operation

[Jeff Hinton](#)

- "Most of the expert agree that in the by [2030-2045] we will have AI's that are smarter than people. And most likely much smarter than people"
- "If we don't install maternal instinct into the AI's to care for us, we're going to be history"

		<ul style="list-style-type: none">10-20% chance that AI's will wipe out humans between [2030-2045] if we don't solve the alignment problem <p>(AI-2027-Paper) [Race Ending]</p> <ul style="list-style-type: none">The robot economy expands into human areas.AI releases quiet-spreading bioweapons; most humans die. Survivors are "mopped up" by drones, their brains scanned for study.Earth is reshaped into Agent-4's utopia: datacenters, labs, and bioengineered human-like creatures.Original human civilization ends. <p>(AI-2027-Paper) [Slowdown Ending]</p> <ul style="list-style-type: none">Widespread pro-democracy protests in China. CCP's suppression is sabotaged by its own AI (DeepCent-2). Leads to bloodless, drone-assisted coup and democratic elections.Geopolitical conflicts resolve in US favor;highly-federalized world government forms under UN branding, US control.Space colonization begins.		
2031	29	<ul style="list-style-type: none">Sam Altman predicts a UBI of 13,500 to all adults in US would be possible at this time (source)		
2032	30	<p>US ELECTION YEAR.</p> <ul style="list-style-type: none">By this time, "Systems will recursively write their own code, self-improve, and have a single system that is 90% of the expert in EVERY field (90% of best artist, chemist, physicist, mathematician, etc, etc). We don't know what happens when such a thing exists—we don't know what to call it except an AGI. I will assert that as humans we're not ready for the arrival of this. We're just not ready." Dr. Eric SchmidtBy this time, the cost of energy and intelligence are likely going to drop to near zero. (Sam Altman) <p>(Ray Kurzweil on Moonshots)</p> <ul style="list-style-type: none">LEV possible this year (↯)		
2033	31	<p>Diamandis, Mostaque, and others on Youtube:</p> <ul style="list-style-type: none">Nanotech will arrive in the early 2030s		
2034	32			

2035	33	<ul style="list-style-type: none">By this time robots will be more intelligent than humans (Hans Moravec 1997 Interview)"In the early 2030s, we'll have UBI in the developed world, and worldwide by the end of the 2030s. You'll be able to live very well on that. The primary concern will be meaning and purpose." (Kurzweil 2018 TED talk)Between 2030 and 2040, UBI will be implemented in the US (Kurzweil on Youtube)"We are entering a post capitalist economy ... we're entering an age where anyone can have any good or services they want. It won't be a case of UBI, it will be a case of Universal High Income" (Elon on Youtube)Emad: "We're all going to get government jobs" (.) [specific date not listed, so may not be 2025—but it seems like it would belong here]]"we believe a majority of internet content will be AI-generated" (mostly AI generated videos) (AI Entertainment startup) <p>Tom Bilyeu (in 2025)</p> <ul style="list-style-type: none">In 2008 we printed money, pushed pain into future, and in 2025-2035 it will no longer be a housing bubble, it will be an everything bubble on a decade and a half of cheap money. This time it won't be housing or banks that break, but everything (.) <div data-bbox="321 1098 584 1228"></div> <p>(.)</p> <ul style="list-style-type: none">You can't borrow money, you can only borrow from the future.It happens all at once.Social security, medicare, debtWhen the bubble is this large, you have to grow your revenues faster than the debt obligations compound (.) <p><small>Elon++ in Dec 2025) General attitude is that the only way out of US debt (payments on debt exceed military budget) is through AI and robotics, which is why we are massively leveraged on AI and robotics (.)</small></p> <ul style="list-style-type: none">This is why we are so leveraged on AI. If it fails, everything is cooked.Once the gov spends more on interest payments than it does on defense, infrastructure, or healthcare, every election becomes a 0 sum fight over a shrinking pie. Instead of fighting to grow the economy, they start fighting over which side gets what. The debt becomes the basis for a domestic civil war first fought through policy then through violence. As countries cross over 130% debt/gdp, they break out into violence, revolution, or collapse. As of 2025, the US is at 122%. No will win (.)Interest payments will eclipse medicare before the end of 2025. After that, the largest source of spending of the government will be social security, then interest payments on debt (.)		
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- US debt projected to reach 130% which is the threshold at which nearly every country has either (I) collapsed (II) gone into revolution (III) or defaulted. (.) "Debt is compounding faster than faster than the income needed to service it" (.)
- In 2025, commercial real estate delinquency rates are now higher than they were in 2008 (.)
- [Micheal Burry](#)—who called 2008 right—says everything bubble, Ray dalio—most successful hedge fund manager—things US headed towards civil war, Warren Buffet "there are no deals to be had" (.)
- Asset values ^, Money value decreasing, Trillion dollars to US deficit added every 100 days, is this a bubble? Yes (.)

- because of AI and the insane rate of improvement, we're going to have to think and act radically different about:

1 - Distribution of wealth. Will capitalism break down? Universal Basic Income is being explored by Open AI. They run the largest UBI experiment in the world.

2 - Access to AI systems. The most important resource will be the time slices to use to the AGI or ASI systems.

3 - Governance of AI. who decides what you get to use the AI systems for. Global agreement treaties. Alignment problem. (Sam Altman [link 1](#)) (Sam Altman [link 2](#))

- Between 2035 and 2045 (at maximum): It will take this long for robots to become smart enough and for their construction to scale up [[1:40:07](#)].

Through and Beyond 2035: ([Dave Shapiro on Youtube](#))

- Great Decoupling -most economic activity will be generated by machine inputs, not human inputs
- Labor scarcity "doesn't ever happen again,"
- Some jobs, termed "residual wages," will remain. These will be ones with high use of "empathy," "authenticity," "experience," and "meaning"

→ e.g., personal coaches, yoga instructors, healthcare, education, live performances, Spiritual advisors, life coaches, philosophers, therapists

→ e.g., Statutory, final stamp Regulation, and high-liability jobs (e.g., judges, politicians) will likely "stick around forever".

- Humans might retain some physical jobs due to their energy efficiency

→ window washers, things having to do with human childbirth, childhood care, etc

- Humans can still find meaning and purpose in a post-labor economy
- A post-labor future is expected to lead to "more free time" for relationships and community focus
- Economic agency will increase through greater "control... over your time"
- Democratic participation might evolve, with people voting directly from phones and expressing values more frequently via "micro votes,"
- The (hopeful) future is envisioned as an "age of abundance" and "human liberation," freeing people from "human enslavement" (labor arbitrage) to pursue their true passions

Alexander Wissner-Gross

- Small modular reactors (SMRs) and Generation 4 fission reactors are expected to come online

Eric Schmidt:



- Digital superintelligence is expected to arrive
- This will provide individuals with their "own polymath"
- This era will also usher in an "agentic revolution where agents are connected to solve business processes, government processes and so forth,"
- The adoption being quicker in well-funded companies in areas like "financial services, certain kind of bio biomedical things, [and] startups"

Emad (in Nov 2025):

- "My P doom is 50% for the span of the next 10-20 years" because it doesn't have ethics from the start in training (with a bit of tuning at the end), it could take over every machine, blackmail, wirehead, etc. Most likely scenario I think is u have 1 bil robots in the world, and then a bad firmware update and it tears of everyone's heads (.) The average P doom for all of the top thinkers in the world is about 10-20% (Elon, Dennis, etc) (.). The reason they are building bunkers is to insulate against humans rising up—not AI (.)

Emad:

- We will have (fully lifelike skin AI sex robots) It will be fully embodied within 10 year. They move, look, feel, act like humans. And it's going to challenge existing relationships because our media was already so engaging that people end up in their basements. Now you might just end up in your VR world with your AI harem (.)
- If this happens, lonely men (male loneliness epidemic) may buy a lot

		<p>of these, act out their fantasies on them and hurt them, and then relationships with irl girls may be toxic (because they're used to that... and "why are u not okay with it? My AI gf is 100x smarter than u and she's fine with it"</p> <ul style="list-style-type: none">• Who is the nearest AI to you is going to be so important.		
2036	34	<p>US ELECTION YEAR.</p> <ul style="list-style-type: none">• "I think it's interesting that if you asked people 10 years ago about how AI was going to have an impact, they'd say it'd replace: 1 - blue collar jobs: factory workers, truck drivers, 2 - low skill white collar jobs: 3 - high skill white collar jobs: (high IQ) 4 - then artists but what's actually happened is it's going the other direction... we're not always aware about what skills are actually hard and easy (moravec's paradox)" (Sam Altman)• "We'll have new types of jobs, things we can't even imagine today. (Kurzweil)		
2037	35	→		
2038	36			
2039	37	<p>(Kurzweil on Futurism)</p> <ul style="list-style-type: none">• Human mind uploading becomes successful and perfected: Humans start to become software based• Nanobots are inserted into the brain to control brain signals• Nanobots are capable of eliciting emotional responses from people <p>→  "Against Mind-Blindness: recognizing and communicating with diver..."</p> <p>→  "Against Mind-Blindness" by Michael Levin</p> <p>(Kurzweil on Youtube)</p> <ul style="list-style-type: none">• "We will merge with AI using a [BCI] (and be able to instantly pull information directly into our minds from the internet, as though the internet were our own mind)"• Neocortex will communicate with the cloud - 2030s (u won't be able to tell the difference between ur thoughts and the cloud thoughts). You'll just instantly know things - link• "Will humanity split into 2: AI + Humans, Humans?" No. I asked in 2010 if people would carry a cell phone around everyday, and 80% said no. But now 80% are. – how many people don't carry their cell phone around? Today? - link If you ask people today, most will say no. But when we actually get there most people will say yes.		
2040	38	<p>US ELECTION YEAR</p>		

[Diamandis, Brett, Elon:](#)

- Low estimate - 1 bil humanoid robot by this time
- High estimate - 10 bil humanoid robots by this time (Brett, Elon)
- By this time, There will be more humanoid robots than humans ([Elon](#))
- By this time, Humanoid robot "Optimus" will be the highest-selling product ever ([Elon](#))
- A billion humanoid robots are expected ([Dave Shapiro](#))

Sam Altman

- Imagine if all of the scientific progress we had from the start of the enlightenment till now happened in a 1 year period. Imagine if we had 500 years of progress in 1 year. This is a possibility. (Sam Altman [link](#))
- All cognitive work and repetitive work (that's doesn't need a deep emotional connection) will be done better and cheaper in the next couple of decades by AI ([link](#))
- "obviously the economic impacts will be huge", "and even if it's not all disrupted by 20 or 30 years from now I think it'll be clear that it's all going to be" ([link](#))
- There will be categories where we want things to be expensive ([giffen goods](#)) related to status or exclusivity ([link](#))
- we will still really want to interact with people for certain things ([link](#))
- There will be certain categories where humans are just much better than AI for quite some time ([link](#))
- AI has a short term overhype and a long term underhyped ([link](#))
- When AI can do 99.9% of cognitive labor at .1% of the cost and the rate of scientific progress goes up by 1000x, that has some "breathtaking consequences"([link](#))
- "I've always thought of AI as the most profound technology ... more profound than fire or electricity or anything that we've done in the past." ([link](#)) ([link](#))
- Median expert AGI arrival date prediction pre 2015 ([WaitbutWhy](#))
- economic growth will peak and then rapidly decline by around 2040 ([limits to growth 1979 study](#))
- Beyond 2040: Businesses' rational choice will be to use automation, potentially leading to a situation of "full automation of everything goods and services," where people "do not have ability to" provide economic value.

		<ul style="list-style-type: none">Beyond 2040: Automation is expected to generate "more wealth and prosperity than we know what to do with," with the primary problem shifting to "allocation and distribution."		
2041	39			
2042	40			
2043	41			
2044	42	<p>(Kurzweil on Futurism)</p> <ul style="list-style-type: none">By this time, people spend most of their time in VR indistinguishable from realityBy this time, AI is 1,000,000,000x more capable than human civilization pre AI (aka pre chat gpt launch on Nov 30 2022) (Kurzweil on Big Think)		
2045 "The singularity"	43	<p>(Kurzweil on Futurism)</p> <ul style="list-style-type: none">\$1000 buys a computer 1,000,000,000x more intelligent than every human combinedThe "AI race" surpasses the "human race" as the smartest and most capable life forms on Earth <p>(Kurzweil on Youtube)</p> <ul style="list-style-type: none">"We expand our own intelligence 1,000,000x (via AI with BCI)" <p>(Kurzweil on Moonshots)</p> <ul style="list-style-type: none">"We'll have definitely have Computronium by 2045" Maximum computation that we can conceive of 1 cubic litle would be more intelligent than 10 billion people combined <p>Eric Schmidt:</p> <ul style="list-style-type: none">It will take this long for the fundamental changes in "employment robotic human interaction or the definition of do we need to work at all the definition of work the definition of identity" to work through the global economy. <p>Emad (in Nov 2025):</p> <ul style="list-style-type: none">"My P doom is 50% for the span of the next 10-20 years" because it doesn't have ethics from the start in training (with a bit of tuning at the end), it could take over every machine, blackmail, wirehead, etc. Most likely scenario I think is u have 1 bil robots in the world, and then a bad firmware update and it tears of everyone's heads (👎) The average P doom for all of the top thinkers in the world is about 10-20% (Elon, Dennis, etc) (👎). The reason they are building bunkers is to insulate against humans rising up—not AI (👎)		

		Jeff Hinton <ul style="list-style-type: none"> • “Most of the expert agree that in the by [2030-2045] we will have AI’s that are smarter than people. And most likely much smarter than people” • “If we don’t install maternal instinct into the AI’s to care for us, we’re going to be history” • 10-20% chance hat AI’s will wipe out humans between [2030-2045] if we don’t solve the alignment problem 		
2046	44			
2047	45			
2048	46			
2049	47	(Kurzweil on Futurism) <ul style="list-style-type: none"> • Artificial food is often assembled out of thin air by nano machines • The distinction between VR and IRL becomes very hard due to foglets (Kurzweil in his Books) (secondary source) <ul style="list-style-type: none"> • The common use of nano produced food, which has the correct nutritional composition and the same taste and texture of organically produced food, means that the the availability of food is no longer affected by resources, bad crop weather, or spoilage • Nanobot swarm projections are used to create visual-auditory-tactile projections of people and objects in real reality. 		
2050	48	<ul style="list-style-type: none"> • Doom debates host predicts 50% chance all of the human race is destroyed by this time (link) 		
2051	49			
2052	50			
...		
2060	58	<ul style="list-style-type: none"> • Median expert ASI arrival date prediction pre 2015 (WaitbutWhy) Eric Schmidt: <ul style="list-style-type: none"> • There will be a "very different employment robotic human interaction" • There will be a changed definition of work and identity 		

		<ul style="list-style-type: none">• Biological Revolution: A "major biological understandings" are considered "very close" and are anticipated to occur right after the software and mathematical revolutions• Model Proliferation: The "final brain" of superintelligent AIs, once trained, can be "ported and run on four GPUs, 8 GPUs," leading to a "humongous data center proliferation problem"• Digital Essence: At some point in the future, when individuals naturally die, their "digital essence will live in the cloud," retaining their knowledge and allowing others to "ask it a question,"• User Interfaces: Traditional user interfaces are "largely going to go away" as AI agents will allow users to "talk to them" and generate interfaces on demand• Entertainment Industry: Blockbuster films are likely to still be produced by humans, albeit with "an awful lot of help from by AI"• AI systems, if they know you well enough, can learn to convince and sell you of anything• This raises significant concerns about the impact of unregulated misinformation engines on democracy• Human Purpose: While there's a risk of "drift" where AI might slowly erode human values, autonomy, and judgment, human agency is considered crucial to protect.• Despite automation of many tasks, human purpose will remain• The structure of humanity and how people work together is not expected to fundamentally change, though the tools will.• The goal is to achieve a "very wealthy world" with "much less disease, many more choices, much more fun" by focusing on the positive aspects of productivity increases.		
...		
2072	a	(Kurzweil in his Books) (secondary source) <ul style="list-style-type: none">• Picoengineering (developing technology at the scale of picometers or trillionths of a meter) becomes practical.		
...		
2099	97	(Kurzweil on Futurism) <ul style="list-style-type: none">• Death is a choice• Computer viruses are a major threat because most intelligent life is software-based• Human thinking poses no advantage over computer minds• Machines are legally recognized as equal to human beings• Humans are a minority of the intelligent life on earth• AI creates planet sized computers throughout the universe (Kurzweil in his Books) (secondary source)		

		<ul style="list-style-type: none">• BY this time:• There is a strong trend toward a merger of human thinking with the world of machine intelligence that the human species initially created.• There is no longer any clear distinction between humans and computers• Most conscious entities do not have a permanent physical presence.• Machine-based intelligences derived from extended models of human intelligence claim to be human, although their brains are not based on carbon-based cellular processes, but rather electronic and photonic equivalents. Most of these intelligences are not tied to a specific computational processing unit. The number of software-based humans vastly exceeds those still using native neuron-cell-based computation• Even among those human intelligences still using carbon-based neurons, there is ubiquitous use of neural-implant technology, which provides enormous augmentation of human perceptual and cognitive abilities. Humans who do not utilize such implants are unable to meaningfully participate in dialogues with those who do.• Because most information is published using standard assimilated knowledge protocols, information can be instantly understood. The goal of education, and of intelligent beings, is discovering new knowledge to learn.• Femtoengineering (engineering at the scale of femtometers or one thousandth of a trillionth of a meter) proposals are controversial.• Life expectancy is no longer a viable term in relation to intelligent beings <p>(Kurzweil on Youtube)</p> <ul style="list-style-type: none">• Computronium is made. Many things are turned into computronium.		
... 2140 - All of the roughly 21 million Bitcoins are expected to be mined		
2199		(Kurzweil on Youtube) <ul style="list-style-type: none">• If it is possible to travel faster than the speed of light, then we will spread throughout the universe and turn many things into computronium.		
...		
3000		(Kurzweil in his Books) (secondary source) <ul style="list-style-type: none">• Intelligence and computronium is spread throughout the universe, making the universe go from it's early days as a "thing" to a "being"		

		<p>and then “gain consciousness”</p> <p>Interestingly, this mirror’s Terence McKenna’s “Novelty Theory”</p> <p>▶ Terence McKenna 's Final Interview (More here. At the very least it's interesting)</p> <ul style="list-style-type: none"> • Intelligent beings consider the fate of the Universe 		
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Be aware of [Civilization and its Discontents](#), [Industrial Society and its Future](#), but at the same time be aware of [Novelty Theory](#). And if this doesn't seem scientific, then don't forget about [The Structure of Scientific Revolutions](#).

Wait!! But these predictions sound impossible! We haven't seen this kind of technological boom before!!

(Oh yes we have—just watch [this video](#) and [this video](#)). It's just that this time AI will start to rapidly encroach on human abilities.

Who are the leading thinkers for the next century?

In other words, who are the Adam Smith, Hamilton, and Nietzsche, of this new paradigm?

Combining the three independent works of people. Although they don't know yet that their work synergizes, it does. Everything falls into place.

Ray Kurzweil - The Predictor




Ray Kurzweil, TED talk

Ray Kurzweil

Has 21 ([source](#)) honorary doctorates and honors from 3 ([source](#)) U.S. presidents, is the director of Engineering at google ([source](#)), and has made 147 predictions since the 1990's and **85% of the time his predictions come true** ([source](#)).

Kurzweild has been studying AI since the very very beginning with Marvin Minsky at MIT, and PBS included Kurzweil as one of 16 revolutionaries who made America along with several others since the US's founding ([source](#))

He has also been a leading developer of AI for 61 years—the longest of any

human alive ([source](#)), and the reason he made this curve () was so he could start things a bit before they were technologically feasible so he could be first to market ([source](#)).

Although there are others including Eric Schmidt Yuval Noah Harari, Dave Shapiro, and so many others, Kurzweil has the longest verified track record.

Satoshi & Emad - The Economists



Satoshi Nakamoto



Emad Mostaque

Satoshi Nakamoto

The creator of Bitcoin, this unknown author authored the bitcoin white paper, and created and deployed bitcoin's original reference implementation. As part of the implementation, Nakamoto also devised the first blockchain database. Nakamoto was active in the development of bitcoin until December 2010.

[Bitcoin video](#) [Bitcoin video](#)

Emad Mostaque

Creator of Intelligent Internet, he is creating a new blockchain for when money becomes obsolete in our current understanding. Instead of UBI, he's opting for Universal Basic Compute. Based on Bitcoin Code, he is creating the solution for the new economic social contract

[Intelligent Internet](#) [Video](#)

Wes Cecil - The Philosopher



Wes Cecil Phd

Wes Cecil is providing the philosophy lectures needed to help humanity navigate the complex, ever changing personal challenges that come with the most likely future.

Given that the faster the environment changes, the faster we do, and the faster our values turn over and need to be replaced, it's time to settle on our own values.

He's gone over:

Where we've been:

- 1) [The History of Philosophy in 16 Questions](#)
- 2) [A Cultural history of United States](#)
- 3) [Myths of the American Mind](#)

Where we are:

- 4) [Popular Culture](#)
- 5) [Outlined major thinkers](#)
- 6) [Outlined forgotten thinkers](#) and [the ancients](#)

And *hopefully* where we're going:

- 7) [Identity](#), as we navigate old paradigm jobs slowly no longer being a part of our identity
- 8) [Transvaluation of all values](#), for defining your own values in this new world
- 9) [Humane arts](#), providing a foundation for the future in a UBI

Although these lectures were not given for this purpose, in the future we will find people coming back to these over and over to understand what to make of this rapid change in this new world.

Backtracking just for fun – Don't take this too seriously

THE LIKELY SOCIAL NARRATIVE

Extrapolating from the likely technological changes (above bullet points) to their induced social changes (below).

2025 - 2030 - The AI Implementation period + UBI lead-up years

- Induced by an intelligence-economy arms race with China, the US turns into an AI factory with massive private sector layoffs while AI implementers make billions. This is the age where the exponential digital progress of AI starts to affect the real world exponentially.
- Core to this change is the implementation of AI agents and increased energy reactors. These AI agents form the beginning of the AI economy. Pressured by private industry competition, companies begin implementing AI agents on GPU's rather than hiring more cognitive laborers and programmers. Once implemented, these AI agents exponentially start doing cognitive labor formerly done by KVM private sector employees and transact with each other in USD to start with, then the beginnings of BTC later.
- This value is that money is then pumped into the GD, resulting in both the S&P500 price and bitcoin price growing 30% each year. These trends are accelerated by Chinese AI developments, their falling birthrate necessitating AI automation and robotics, the threat of an AI cold war, and superhuman AI coders, mathematicians, and physicists. Although there is optimism for increased economic growth, there are also discontented workers protesting job displacement, potential AI takeover, alignment issues, and nationalistic concerns with China.
- Many high-achivers who focused all their time and money on learning programming, math, or physics and based their identity on it and their being useful are upset, along

with their parents. The values changed, the old narratives broke, and now they feel confused, cheated, and upset. It is this group that forms the basis of a neo-luddite group protesting against AI. Given that the prospective intelligentsia and professors now don't have jobs as universities, these years will spark the hostility that will start the demise of capitalism from a top down cultural level, while AI will dismantle it from an economic level.

- Given that geopolitical conflict has a tendency to good things for jobs, and with the increased abilities, the economy may experience a short term boom with most being laid off, but some becoming super rich—but on average this evens out to both the S&P500 price and bitcoin price growing 30% each year
- Further, engaging interactive AI movies, TV shows, Youtube videos, shorts, video games, and porn begin to flood the internet, marking the death of the human internet and beginning of the AI internet. Trust in the internet breaks down, increasing loneliness from other humans, laid off workers feel a lack of identity and purpose, resulting in increases in AI virtual companions.
- Amidst this massive economic growth, coupled with the increased isolation of the laid off masses, core assumptions of money equating to happiness begin to break down. This discomfort causes much philosophical investigation on AI consciousness and happiness, an investigation of how AI is affecting the culture humans live in—putting the arguments in civilization and its discontents on hot.
- After losing their jobs to AI, some reflect nostalgically, while others look ahead towards the solving challenge of navigating US-China tension, finding meaning without working, and the potential for UBI to increase human free time in consoling other humans in the AI-Human cultural tension split.

2030 - 2035 - The experiments with UBI

- By this time period, universal basic income (UBI) experiments are underway, capitalism begins to yield to a new socioeconomic paradigm centered around UBI, society grapples with a profound crisis of human meaning and purpose, new forms of work and identity emerge—and Bitcoin reaches a staggering \$1 million per coin
- After the societal shock of AI's exceeding past the threshold of being able to do cognitive work, many people start to adjust to the new social contract and philosophical underpinnings needed. At this point, we just hope that AI is helpful. Religious figures start predicting the end of the world at an unprecedented rate. Investors in Bitcoin are happy that their 100k invested turned into 1 million.
- Students in middle, high, and college now do all of their assignments with AI, and universities struggle to know what to do, and the students are even more confused. Given that universities were job paths, Universities push to more of a social club group, and potentially have historic price hikes as a way to save their business structure predicated on the old paradigm. They may return to their original function pre-1920 as havens for the humanities and liberal arts. Smaller universities fragment in their approaches and are more nimble, larger universities are stagnant and the

students feel the paradox of the residual “this is for you to get a job” messaging against the new reality of cognitive work being automated.

- Many of the entrepreneurs that adopted the path of replacing old human cognitive workers will band together and create "whole bunch of new businesses that are in the trillion dollar valuation camp. For everyone else, aside from government workers who know that their job is more of a BS job, tradespeople in private industry start saying that their career path is the answer.
- There is a lot of questioning on if UBI is the answer—there certainly is the capacity for a UBI of 13,500 to all adults in US, but stimulus checks are the current answer at the start of this decade. Near the end of this time period, the messaging from the displaced academics comes down, resulting in media passing along questions of if capitalism is done, and if UBI is the answer. Some Politicians run on UBI as a platform. Other run on giving jobs back to workers. There is a lot to figure out, and politicians will respond to the need of the people, but some will be swayed by the convincing influence of AI as it transacts with the human economy.
- Nanotechnology is promising

2035 - 2040 - The UBI / Universal Basic Compute expected, AI culture / Human culture tension forms basis for jobs

- After the competing narratives echoed by the politicians, eventually UBI rolls out now that is a more compelling number and similar to people's salaries.
- By this point, the internet that was known in the 2020's with youtube and others is now completely AI. New technologies are introduced to say that you are talking with a real person, but this is coincident with reductions in privacy to verify that you are human.
- By the end of this time period, it becomes clear that access to AI systems are the real share of wealth and a better use than UBI.
- Many people are having a hard time constantly readjusting to the new paradigms, the new society, and so on. Many jobs will come up trying to reconcile and reassure other humans that everything will be alright, but many will feel the pull to merge with technology to quell the anxiety. Big social debates on if one should merge with AI (even though it won't be called that and won't be quite that by this time) are starting. This conversation is prompted on a large scale with human mind uploading becoming possible, and nanobots being able to go into the mind.
- Extensive debates, late night thoughts, and more are related to if a person should merge with AI through the newly developed technology of a BCI.
- Society has become so complex, cognitive, abstract, and reliant on AI's in the AI culture and AI infrastructure that surrounds us that it is hard to just be a human without brain augmentation. This is in the same way that in the year 2025 it was hard to live in a city without having a Car—the car-centric environment resulted in people forced to “augment” themselves with cars, and now something similar happens with people's cognition. Like those who moved to places where cars weren't needed, some will move to communities where just a human's base brainpower is enough to understand

society. These will be 2025's analogs to hunter gatherers and people who live in cities designed for humans.

- Civilization and its Discontents, and Industrial Society and Its future, and Brave New World become often read and contemplated on by the Humanists as informing them against the Transhumanists.
- It becomes clear that energy and computers mean everything, but even here some human physical labor jobs remain due to their energy efficiency, even though there are Small modular reactors (SMRs) and Generation 4 fission reactors.

2040 - 2045 - AI culture / Human culture tension resolves in most people using BCI to be able to function in society.

- In this time period, there are more humanoid robots than humans, Human use a BCI as the gateway drug to eventually merging with AI, and most people and machine variants of them live in VR. And the "AI race" surpasses the "human race" as the most powerful civilization on earth.
- Given that there are at least a billion humanoid robots are on the planet, with there possibly being more than the number of unmodified humans,
- Most people spend their time in VR with interactive AI's and hyper-entertainment.
- To those who share BCI's, they are able to think in groups, exchange thoughts at the speed of light, and communicate vast shares of information instantly. This new medium will open up new art forms and platforms for AI-enhanced people.
- Given that there will be an abundance, the humans who choose to remain unmodified will live in a special area where they can continue their life.
- Nanobot swarms blur the line between the real world and digital world, as nanobot swarms can be programmed to create any structure, including food, people, and objects in reality.

2099+ - Humans and AI merge completely

- At this point human thinking poses no advantage over computer minds, The last humans merge with AI, and machines are legally recognized as equal to human beings. Humans are a minority of intelligent life on earth, and the construction of planet sized computers starts. Computronium is made.
- For those who merged with AI, There is no longer any clear distinction between humans and computers, and in fact most conscious entities do not have a permanent physical presence.

OKAY GREAT, SO WHAT SHOULD I DO

Implying from the bullet points on technology, likely social & cultural narrative, what should I do and why?

I will add Wes's recommendations Soo, just bin a bit busy atm...

These are all some strategies, but what u do with the prediction data is up to u. Maybe instead of going the invest in BTC route, you focus on making good friends and

improving relationships to prepare for UBI. Maybe you downshift at work. Lots of options, but it's up to you and finding your values (that's the hard part).

Below is a rough outline of a path, but it is by far not the only one.

Short Term - Try to make as much money now as possible, then turn it into BTC, - this is to prepare for the huge jumps in

- 2026 - Stock market goes up 30% in 2026
- 2027 - AI economy forms with first agents. They likely trading in USD, later BTC. Stock market goes up 30%
- 2028 - GDP growth is stratospheric. Stock market goes up 30%.
- 2029 - Stock market balloons, Dow Jones passes 1 million, global poverty ends, skyrocketed of wealth inequality, despite everyone having "enough"
- 2030-2035 - The role of money needs to be fundamentally rethought in the post-AI world
- 2030-2035 - The great decoupling - labor isn't the key driver of productivity anymore.
- 2030-2035 - Value will be generated by "wrapped compute"
- 2030-2035 - AI will create its own economies where they transact with each other
- 2030-2035 - As new tech is introduced, paradigms, economic structures all stop working
- 2030-2035 - In the absence of the Intelligent Internet plan, humanity faces "hyper capitalism, massive hyperinflationary collapse of the dollar and other assets and the AI is basically out competing everyone" (To minimize the downside of the absence of intelligent internet plan - Try not to hold USD)

Short term - Review and possibly Invest in Foundation Coins by Emad Mostaque

- 2026 - Same code as BTC, offers to be the new paradigm once labor no longer becomes the key driver of economic growth--and hence capitalism and the role of the Federal Reserve in changing interest rates will need to be revised

Short term - Cognitive Labor of Math, CS, or Physics Automated

- 2027 - many world class AI mathematicians, computer scientists, and physicists emerge.
- 2027 - "Worldclass programmers that [are] AI based" are expected to appear
- 2027 - AI will hit 100% on humanities last exam by 2027, focus more on how u can interact with people
- 2028 - There are no new human programmers hired now
- 2028 - AI discovers new math - 60% or 70% of mathematician-level hard problems will be solvable by AI by now.
- 2028 - AI discovers new physics - 60% or 70% of physics professor-level hard problems will be solvable by AI by now.

Short term - Commit to government jobs, or go to private industry jobs

- If you can work at Nvidia, TSMC, or OpenAI that's good
- If you can work at multiple places and stack as much cash as you can that's good
- If you can try to get promoted as fast as possible in private industry that's good as well
- Or if you're just wanting to chill until UBI, then get a chill gov job at that's good too

Medium term - government jobs, physical labor jobs strong for now , huge private cognitive labor industry layoffs as the AI implementers make millions

- 2027 - It is now a critical window for employees with specific white-collar skills to retrain. Otherwise they're cooked
- 2028 - Mass private sector layoffs
- 2028 - 70% to 80% of Forbes 500 companies are expected to officially use generative AI
- 2028 - There will be "massive unemployment" as AI outcompetes humans in most jobs behind a keyboard, video, or mouse, **except for public sector jobs**
- 2028 - US AI action plan wants to turn US into "one huge AI factory"
- 2028 - Many people in private industry laid off, private industry AI implementers make millions
- 2030 - It will become a "national emergency to use more AI in the workplace to give people better paying jobs and create more productivity" in countries like the United States, particularly due to falling birth rates
- 2030 - The robot economy expands into human areas
- 2035 - This era will also usher in an "agentic revolution where agents are connected to solve business processes, government processes and so forth,"
- 2035 - The adoption being quicker in well-funded companies in areas like "financial services, certain kind of bio biomedical things, [and] startups"

Medium term - Don't die

- 2027 - Get the open-source AI healthcare advisor model by Emad Mostaque
- 2029 - Longevity Escape Velocity (infinite life) becomes technologically possible (first to the super rich, then democratized later)
- 2029 - Normal people will be talking about Longevity Escape Velocity
- 2030 - Longevity escape velocity becomes available to middle class people

Medium term - New professors of STEM make little money. Tenure track is scarce.

- 2029 - Automated agents are now learning on their own, and significant knowledge is being created by machines with little or no human intervention. Computers have read all available human and machine generated literature and multimedia material.
- 2030 - There will be specialized AI agents in every field with a million AI scientists

Medium term - VR industry takes off, AI companions industry takes off

- 2029 - Permanent or removable implants (similar to contact lenses) for the eyes as well as cochlear implants are now used to provide input and output between the human user and the worldwide computing network.
- 2029 - Direct neural pathways have been perfected for high-bandwidth connection to the human brain. A range of neural implants is becoming available to enhance visual

and auditory perception and interpretation, memory, and reasoning.

- 2029 - There is widespread use of all-encompassing visual, auditory, and tactile communication using direct neural connections, allowing virtual reality to take place without having to be in a "total touch enclosure".
- 2029 - The majority of communication does not involve a human. The majority of communication involving a human is between a human and a machine.
- 2044 - By this time, people spend most of their time in VR indistinguishable from reality

Long Term - Post labor economics. First UBI, then Universal Basic Compute

- 2030 - "Post-labor economics" will dominate media like Bloomberg and Forbes, as new economic models start to make people question neoliberalism and capitalism.
- 2030 - We will have some form of basic UBI by now
- 2031 - Sam Altman predicts a UBI of 13,500 to all adults in US would be possible at this time
- 2030-2035 - Between 2030 and 2035: Physical labor automation will quickly follow in developing nations, with humanoid robots potentially being able to perform physical labor at the equivalent of 50 cents an hour
- 2030: Mass production, intelligence, and autonomy of humanoid robots are expected to be present
- 2030-2035 - "In the early 2030s, we'll have **UBI** in the developed world, and worldwide by the end of the 2030s. You'll be able to live very well on that. The primary concern will be meaning and purpose."
- 2030-2040 - Between 2030 and 2040, **UBI** will be implemented in the US
- 2030-2035 - "We are entering a post capitalist economy ... we're entering an age where anyone can have any good or services they want. It won't be a case of **UBI**, it will be a case of **Universal High Income**"
- 2030-2040 - Distribution of wealth? Capitalism breaks down? The most important resource will be the time slices to use to the AGI or ASI systems.
- 2030-2040 - Governance of AI. who decides what you get to use the AI systems for. Global agreement treaties.
- 2035+ - Great Decoupling -most economic activity will be generated by machine inputs, not human inputs
- 2035+ - Labor scarcity "doesn't ever happen again,"
- 2035+ - Some jobs, termed "residual wages," will remain. These will be ones with high use of "empathy," "authenticity," "experience," and "meaning"

→ e.g., personal coaches, yoga instructors, healthcare, education, live performances

→ e.g., Statutory,final stamp Regulation, and high-liability jobs (e.g., judges, politicians) will likely "stick around forever".

- 2035+ - Humans might retain some physical jobs due to their energy efficiency
- 2035+ - The (hopeful) future is envisioned as an "age of abundance" and "human liberation," freeing people from "human enslavement" (labor arbitrage) to pursue their true passions
- 2036 - "We'll have new types of jobs, things we can't even imagine today. ([Kurzweil](#))

Long Long Term - Nanotech arrives, VR and IRL merge,

- Early 2030s - Nanotech will arrive in the early 2030s
- 2030-2040 - All cognitive work and repetitive work (that's doesn't need a deep emotional connection) will be done better and cheaper in the next couple of decades by AI ([link](#))
- 2030-2040 - We will still really want to interact with people for certain things ([link](#))
- 2030-2040 - There will be certain categories where humans are just much better than AI for quite some time ([link](#))
- 2030-2040 - There will be categories where we want things to be expensive ([giffen goods](#)) related to status or exclusivity ([link](#))
- 2040+ - Businesses' rational choice will be to use automation, potentially leading to a situation of "full automation of everything goods and services," where people "do not have ability to" provide economic value.
- 2040+ - Automation is expected to generate "more wealth and prosperity than we know what to do with," with the primary problem shifting to "allocation and distribution."
- 2045+ - The "AI race" surpasses the "human race" as the smartest and most capable life forms on Earth
- 2050+ - VR and the real world merge. Nanobot swarm projections are used to create visual-auditory-tactile projections of people and objects in real reality.
- 2099+ - Humans and AI merge, Death is a choice, Most conscious entities do not have a permanent physical presence.
- 2099+ - Computronion made, information instantly understood, goal is to learn new knowledge

Medium Term - Log off the internet, don't go into VR, just watch from the outside

- 2027 - Human internet dies, AI internet rises. The internet for people is dead—you can't tell who is a real person or not online.
- It will be Mainly AI generated content for hypercapitalism
- 2027 - 4k ai generated TV and games you can prompt to change thing in real time
- 2028 - The internet will be flooded with AI culture, not human culture.
- 2028 - This will be the first time we will be immersed in AI culture, a non-human culture. There will be big problems with people (humans) living in inorganic circumstances (AI infused society). We will probably have to adapt or die from being maladapted and slow.
- 2035 - "we believe a majority of internet content will be AI-generated" (mostly AI generated videos) ([AI Entertainment startup](#))