A Generative AI Reading List

Some of the most compelling, enlightening, or thought-provoking stuff I've read on generative AI since early 2023.

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Compiled by Ben Resnik

- Generative AI Basics and Core Ideas, In Order of Increasing Technicality
  - The story of the invention of transformers
  - LLMs for Dummies
  - Free copy of ChatGPT for Dummies [book]
  - Terrific overview of LLM core-concepts
  - State of the current LLM landscape
  - Detailed explanation of ChatGPT circa summer 2023 (42 minute video; good explanation of evergreen concepts)
  - The Illustrated Transformer — how the tech works
  - Attention is All You Need: The Founding Document of Modern Generative AI
- Guidelines
  - **Quick-Start AI Guidelines for Democratic Campaigns**
  - White House Blueprint for an AI Bill of Rights
  - City of Boston's generative AI guidance
  - Guidance for organizations from Aspen Digital
  - Cision/Brandwatch AI Code of Ethics
  - 10 Questions for your AI Vendor Due Diligence Process
  - Center for Democracy and Technology's internal generative AI usage policy
  - Trustible's Applied Ethical AI Framework
  - Trustworthy AI Needs Trustworthy Measurements
  - Case Study: MoveOn's AI application approval process
  - The Prompt Report: An exhaustive apples-to-apples comparison of different prompting techniques
- Techy stuff
  - Anti-hype LLM reading list (one of my favorite roundups)
  - Engineering projects to build your generative AI muscles
  - Emerging architectures for LLM applications
  - Prompt2Model: Fine-tuning models with natural language prompts
  - Foundation Model Transparency Index
  - GPT4's secret has been revealed
  - Roundup of ML best-practices and open-source packages
  - Generative AI interfaces beyond chatbots (24 minute video)
  - A Hacker's Guide to Language Models (90 minute video)
- Politics-Specific

    - Early use cases for AI in politics
    - Using Langchain to create a plain-language interface for analyzing the public voter file
    - An LLM trained on the new White House AI executive order
    - BIDEN: Binary Inference Dictionaries for Electoral NLP
    - How AI applies to campaigns today broadly, and a good reading list
    - AI and democracy: A conceptual framework
    - Artificial intelligence can persuade humans on political issues
    - LLMs and social progress: concepts and considerations
    - Preparing for Generative AI in the 2024 Election: Recommendations and Best Practices Based on Academic Research
    - Sortable breakdown of Biden Admin AI executive order
    - Selecting generative AI tools in political tech
    - Tracker of political AI incidents around the world
    - AI's Impact on Elections is Being Overblown
    - Effectiveness of disclaimers on AI-generated political ads
- Newsletters
    - AI Supremacy (esp. The Generative AI Brief)
    - Last Week in AI
    - Import AI
    - Digital Native (not just about AI but has some good takes, esp. this one)
    - AI Political Pulse
    - AI Digest
- Misc. Perspectives
    - Fears about the impact of generative AI on misinformation are overblown
    - Silicon Valley's vision for AI is religion, repackaged
    - How the commercial market is using generative AI today
    - Prompt engineering isn't the future
    - Why chatbots are not the future
    - GPT detectors are biased against non-native English writers
    - Inside the AI factory — the creation of the "tasker" underclass
    - The difference between OpenAI and Anthropic's approach
    - Will AI become the new McKinsey?
    - ChatGPT's fluent BS is compelling because everything is fluent BS
    - New Theory Suggests Chatbots Can Understand Text
    - Watermarking is basically impossible against a determined foe
    - ChatGPT and Google Gemini are both doomed
    - AI Prompt Engineering is Dead
    - Why Anthropic's Artifacts may be this year's most important AI feature: Unveiling the interface battle
    - Why AI Isn't Going to Make Art
- Courses and Trainings
    - Practical Deep Learning for Coders: An online course for techy folks to learn to apply machine learning to practical problems

- Generative AI Learning Plan for Decision-Makers by Amazon
- Foundations of Prompt Engineering by Amazon
- Career Essentials in Generative AI by Microsoft and LinkedIn
- Justice and Equity in Technology Policy
- Practical Steps for Building Fair Algorithms
- Ethics, Technology, and Public Policy for Practitioners
- Introduction to Generative AI Learning Path by Google