# Resources List by Topic

Note that not all books/podcasts are ones that Dr. Panciera has read and reviewed.

If you have resources you think I should add (or remove), please email me <a href="mailto:panciera@msoe.edu">panciera@msoe.edu</a>

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* are books/games available in Dr. Panciera's office
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```
UX Generalist
   Books
   Podcasts
   Movies
   Organizations
   Games
   Social Media
   Mailing Lists
Communication & Storytelling
   Books
   Podcasts
   Mailing Lists
Creative Thinking
   Books
   Podcasts
   Movies & TV
   Games
   Mailing Lists
Design Thinking
   Books
   Podcasts
   Movies & TV
   Mailing Lists
Psychology & Behavioral Economics
   Books
   Podcasts
   Games
   Mailing Lists
UX Research
   Books
   Podcasts
   Websites
   Movies & TV
   Mailing Lists
```

**CyberCrime** 

```
Books
   Podcasts
   Websites
   Mailing Lists
Data Viz
   Books
   Podcasts
   Websites
   Games
   Mailing Lists
Inclusive Design
   General Books
   Memoirs
       Race
       Disability
       International
       Class
       Other
   Fiction
       Middle Grade
       Young Adult
       <u>Adult</u>
   Non-fiction/Non-memoir Books
   Podcasts
   Movies
   <u>Games</u>
   Mailing Lists
   Websites
Tech Ethics (Including AI & ML)
   Books
   Podcasts
   Websites
   Mailing Lists
   Conferences
Teaching
   Books
   Mailing Lists
History of Computing
   Books
   <u>Museums</u>
   People
```

**Gender and Computing** 

**Books** 

**Leadership** 

**Books** 

Work-Life Balance

**Books** 

Games

# **UX** Generalist

#### Books

99% Invisible City\*

Roman Mars & Kurt Kohlstedt

This book, authored, in part, by Roman Mars, founder and podcaster from 99% Invisible explores tiny elements in a city that seem small but have a fascinating design history ranging from logical and functional to absurd and ridiculous.

Being Mortal: Medicine and What Matters in the End\*
Atul Gawande

Checklist Manifesto\*

Atul Gwande

Gwande is a surgeon and author and joined a World Health Organization taskforce to decrease surgical deaths and infections worldwide across drastically different medical systems. They do research on how other professions (namely pilots) deal with crises and settle on a checklist which they pilot and then drastically rewrite. One basic final checklist item: before surgery everyone in the OR is expected to introduce themselves by name to help build a sense of team if a crisis arises.

Design for a Better World: Meaningful, Sustainable, Humanity Centered\*

Don Norman

Design is Storytelling\*
Ellen Lupton

Design is the Problem: The Future of Design Must Be Sustainable\*
Nathan Shedroff

The Design of Childhood: How the Material World Shapes Independent Kids\*

Alexandra Lange

Design of Everyday Things\*

Don Norman

I don't know anyone in UX of my generation who doesn't have a tattered copy of this book somewhere on their shelves. A classic UX book, Norman highlights how design shapes usage and introduces numerous core UX principles (e.g. affordances, conceptual models, mapping, feedback). The book can get repetitive, but even reading the first two chapters is helpful.

Designing Interfaces\*
Jenifer Tidwell, Charles Brewer, and Aynne Valencia

Doing 2017/2018\* Peter Zec

Emotional Design: Why We Love (or Hate) Everyday Things\*
Don Norman

The Field Guide to Human Centered Design\* IDEO.org

How Design Makes the World\* Scott Berkun

How to Make Sense of Any Mess\* Abby Covert

HTML and CSS: Design and Build Websites\*
Jon Duckett

Interaction Design: Beyond Human - Computer Interaction\* Yvonne Rogers, Helen Sharp & Jenny Preece

International Yearbook Communication Design 2017/2018\*
Peter Zec

JavaScript and Jquery: Interactive Front-End Web Development\*

Jon Duckett

Mapping Experiences: A Complete Guide to Creative Value through Journeys, Blueprints, and Diagrams\*

James Kalbach

Mountains Beyond Mountains\*

Tracy Kidder

Kidder follows Doctor, Medical Anthropologist, and MacArthur Genius award winner Dr. Paul Farmer around the world as he fights to ensure rural Hatians have good healthcare. Lots of flights between Boston, where he's a student, then resident, at Harvard, and Port a Prince and stories of the founding of Partners in Health (PIH), a leading international public health charity. Where Doctors without Borders rushes in during emergencies, PIH seeks to create systemic and long term change. However **how** Dr. Farmer does this in a way that respects and honors the people he is serving is what the real story is. Also a good read if you're interested in the development of protocols to cure drug resistant tuberculosis. This is a straightforward read and isn't overly medical.

The New Designer: Rejecting Myths, Embracing Change\*
Manuel Lima

Non Designers Design Book\*

Robin Williams

This is a textbook that we utilize extensively in our Visual Design sequence. The book is a really easy read and allows non-designers to quickly and easily understand visual design.

Thinking with Type\*

Ellen Lupton

Often paired with the Non Designers Design Book, this book focuses more specifically on typography.

This is Service Design Thinking: Basics, Tools, Cases\*

This is Service Design Doing: Applying Service Design Thinking in the Real World

Marc Stickdorn & Jakob Schneider

If you're interested in service design, these are great intro books.

User Friendly: How the hidden rules of design are changing the way we live, work, and play\*

Cliff Kuang with Robert Fabricant

This book published at the end of 2019 is by a journalist and UX designer. In addition to historical information about incidents like Three Mile Island and WWII, they also discuss self-driving cars, social media, and smartphones. This book has the potential to be this generation's <u>Design of Everyday Things</u>.

Where Wizards Stay Up Late\*

Katie Hafner and Matthew Lyon

The story of the origins of the internet including the people behind them. Not an easy read, but interesting if you like computing history.

Why We Fail: Learning from Experience Design Failures\* Victor Lombardi

### **Podcasts**

#### 99% Invisible

Explores how design impacts the world, running the gamut from how the design language of the '68 Olympics in Mexico City played a role in widespread political protests to how the carpet of the Portland airport became a point of pride for residents.

Rough episode length: 20 minutes

Recommended episodes: The Finnish Experiment, Curb Cuts, Unsure Footing, Dead Cars, McMansion Hell, The Kirkbride Plan, Gander

International Airport, You've Got Enron Mail

# **Design Matters**

shkdfsd

Rough episode length: time Recommended episodes: Episodes

#### Wireframe

A podcast from Adobe and Gimlet about UX design. This branded podcast is about various aspects of UX from design of sounds and design of electronic healthcare records to how inclusion in design impacts everyone.

Rough episode length: 20 minutes

Recommended episodes: Good Design is Human, Inclusivity is a Recipe

for Good Design, Good Design is Good Civics

# Movies

Bending the Arc (Netflix)

If you're not a reader and aren't going to look at Mountains Beyond Mountains by Tracy Kidder, I'd encourage you to watch this documentary. It doesn't go as deep as the book (and shines a bit more of a spotlight on Farmer and company than I'm guessing they wanted) but it talks about the role that Partners in Health played in building healthcare FOR the people they are serving, figuring out how to treat drug resistant TB, their role in fighting AIDS in rural Haiti (and figuring out how community based care could create change), and working with the Rwandan government to provide primary health care to help rebuild the post-war country.

# Organizations

Association for Computing Machinery (ACM)

www.acm.org

Student membership: \$19

Student conference registration: varies

Relevant Special Interest Groups include

- SIGACCESS (Accessibility) \$6 membership
- SIGCHI (Computer Human Interaction) \$19 membership
- SIGDOC (Design of Communication) \$25 membership

User Experience Professionals' Association

www.uxpa.org

Student membership: \$35

Student conference registration: \$450

This is a professional society for UXers. They have an annual meeting in June (usually in the US) but also have a jobs board and an annual survey of salaries to help you gather data in salary negotiations. I went to their conference in 2011 and found it really useful as a researcher. **IF** 

YOU ARE JOB SEARCHING THE ANNUAL SURVEY OF SALARIES IS A MUST!

#### Games

Reflection Collection from Keen

# Social Media

Casey Fiesler

https://caseyfiesler.com/teaching/

Casey is a professor at University of Colorado Boulder in their Department of Information Science. She has a PhD in Human Centered Computing from Georgia Tech and a JD (law degree) from Vanderbilt. Her research centers around a few topics: computing ethics, social justice and technology, and online communities, especially around fair use. She started her

YouTube channel a few years ago specifically to help students interested in grad school navigate the application process. She became TikTok famous and has had fun "teaching" her online communities class and tech ethics classes on TikTok. (She's also just an all round great person.)

Tiktok: @professorcasey

Twitter: @cfiesler

YouTube: @CaseyFieslerPhD

# **Mailing Lists**

**ADPList Weekly Pulse** 

https://adplist.substack.com/

ADP List is a website for mentoring for product centered jobs (including design and product management). The newsletter is very design centric with events, quick takeaways, and links to learn more.

# Communication & Storytelling

#### **Books**

The Anthropocene Reviewed: Essays on a Human-Centered Planet \* John Green

The Best Strangers in the World: Stories from a Life Spent Listening\* Ari Shapiro

Better Presentations: A Guide for Scholars, Researchers, and Wonks\*
Jonathan Schwabish

Classic Feynman: All the Adventures of a Curious Character\* Richard Feynman

Crucial Conversations Tools for Talking When Stakes Are High\* Joseph Grenndy, Kerry Patternson, Ron McMillan, Al Switzler, and Emily Gregory

Dare to Lead\*
Brene Brown

HBR Guide to Persuasive Presentations\*

Presentation Zen\*
Garr Reynolds

Resonate: Present Visual Stories That Transform Audiences\*

Slide:ology: The Art and Science of Creating Great Presentations\*
Nancy Duarte

These three books by Duarte are great for thinking about how to present your work in ways that will resonate with your audience.

Storytelling with You: Plan, Create, and Deliver a Stellar Presentation\*
Cole Nussbaumer Knaflic

Tuva or Bust!: Richard Feynman's Last Journey\* Ralph Leighton

#### **Podcasts**

Covid Sucks, People Don't

A brief 5 episode series from YouTuber and science communicator Hank Green, this podcast from May 2020 is about the fact that while Covid is pretty horrible, people are doing remarkable things from running COVID tests to designing and manufacturing face shields to being in vaccine trials

Rough episode length: 20 - 30 minutes

# The Daily

If you find yourself wanting to go deep on some news topics, The Daily is a podcast for you. The New York Times that comes out every morning. Six days a week it's usually a news related topic, but on Sunday it's usually a long form piece read aloud, often on a lighter topic. Like the Times itself, the take is often nuanced with the same level of detail you would find in their print reporting.

Rough episode length: 25 minutes (Monday - Saturday), 1 hour (Sunday) Recommended episodes: Europe's Vaccination Problem, A Vast Web of Vengeance, When the Pandemic Came to Rural Wisconsin

Dead End: A New Jersey Political Murder Mystery shkdfsd

Rough episode length: time Recommended episodes: Episodes

#### Embedded

shkdfsd

Rough episode length: time Recommended episodes: Episodes

#### How I Built This with Guy Raz

Guy Raz interviews successful entrepreneurs to understand how they built and sustained their companies. He's also the first person to ever have three shows in the top 20 on the Apple Podcast charts (How I Built This, The TED Radio Hour and kid's science podcast Wow in the World). What you'll hear in his podcasts are well told stories. These are interesting people, but he also asks the right questions and his team edits the show well. If you're interested in innovation, this is a great place to start.

Rough episode length: 1+ hour

Recommended episodes: Gimlet Media, Milk Bar, Headspace, Zappos,

Peloton

#### Nice White Parents

shkdfsd

Rough episode length: time Recommended episodes: Episodes

Normal Gossip

shkdfsd

Rough episode length: time Recommended episodes: Episodes

# Planet Money

Explores all the ways that money and the economy shape our daily lives. The team aims to explain a variety of economic principles and news stories for normal people. Some of their most famous series have been Planet Money Makes A T-Shirt where they followed their shirt from the cotton fields to factories to container ships and in another series they bought 100 barrels of crude oil following it from the ground to the gas tank.

Rough episode length: 20 minutes

Recommended episodes: The Taxi King, The M&M Anomaly, The Basic Income

Experiment, When India's Cash Disappeared, PLanet Money Makes a

T-Shirt, Planet Money Buys Oil

#### Radiolab

This show started almost two decades ago and became almost instantly recognizable in NPR circles for innovative sound design. Like 99% Invisible, it just sounds different than most other shows out there. The idea is that it's long form storytelling about science, but sometimes that broadens to talking about politics, law, and psychology. There's also a close tie between Radiolab and Invisibilia (more focused on social science) with host Lulu Miller having worked for both shows. Please note that there are separate RSS feeds for Radiolab and Radiolab for Kids (where the topics are child appropriate).

Rough episode length: 1 hour Recommended episodes: TBD

## Reply All

#### Not all episodes are safe for work

A Tech-ish podcast from Gimlet Media about all sorts of things from hacking to microdosing. A strong cybersecurity slant. A combination of goofy personalities, fascinating stories, and insight into weird corners of internet culture. FYI Yes Yes No is the hosts explaining something in the tech world to their boss. Usually very complex memes. Super Tech Support aims to solve really bizarre tech problems by bringing in experts (for example, one specific podcast breaks a Mazda car stereo).

Rough episode length: 1 hour

Recommended episodes: The Cathedral, The Russian Passenger (followed by Beware All and then The Return of the Russian Passenger), The Roman Mars Mazda Virus, Long Distance (and Long Distance Part II), What Kind of Idiot Gets Phished?, Dark Pattern

# Start Up Podcast

A podcast about startups ranging from Gimlet Media (a podcast company recently purchased by Spotify) to church plants, charter schools, and the world of venture capital. Seasons are all following one theme from different perspectives (or at different times) so plan to listen to a whole season.

NO NEW EPISODES

Rough episode length: 30-50 minutes

Recommended episodes: Success Academy, How Not to Pitch a Billionaire,

Words About Words From Our Sponsors, Diversity Report

The Retrievals

sresr

NO NEW EPISODES

Rough episode length: 30-50 minutes

#### This American Life

# Not all episodes are safe for work. (Podcasts are not bleeped. Streams from their website are.)

This is a great show to listen to if you're interested in learning more about storytelling. Each episode has a theme, such as summer camp or backup plans, and then there are usually multiple shorter stories on those topics. Rarely fiction, these are good examples of doing a lot of solid groundwork and weaving it into an interesting, moving, and powerful narrative. You'll also hear exquisite interviewing (combined with excellent production value).

Rough episode length: 30 - 45 minutes

Recommended episodes: Abdi the American, Act V, Harper High School (Parts One and Two), The Radio Drama Episode, Three Miles, Tough Room 2011, 129 Cars, Fear of Sleep, Dr. Gilmer and Mr. Hyde

## Throughline

This podcast is designed to deepen your understanding of news happening today by informing you about past events that shaped the events of today. They cover everything from policing to tipping to impeachment.

Rough episode length:40-60 minutes

Recommended episodes: Octavia Butler: Visionary Fiction, The

Everlasting Problem, Reframing History: The Litter Myth, Boringuén,

There Will be Bananas

### We Can Do Hard Things

Not all episodes are safe for work.

erwe

Rough episode length: were Recommended episodes: were

#### Without Fail

Cross posted to the Start Up podcast feed, in some ways this is similar to How I BUilt This except they also spend a lot of time discussing failure. The host, Alex Bloomberg used to work on This American Life and a founder of both Planet Money and Gimlet Media.

Rough episode length: 30 - 45 minutes

Recommended episodes: Ira Glass: The Man Who Launched a Thousand Podcasts, The Cyclist Who Blew the Whistle on Doping, The Decades-Long Hunt for the Golden State Killer

# **Mailing Lists**

99% Invisible Link Description

# **Creative Thinking**

# **Books**

Calypso\*
David Sedaris

Creative Acts for Curious People: How to Think, Create, and Lead in Unconventional Ways\*
Sarah Stein Greenberg

Creative Workshop\*

Creativity\*

John Cleese

This short book is a delight to read and talks about creativity with a number of fun stories. If you pay attention there are a lot of lessons to listen to, but it feels just like a chat with an old friend.

Creativity: Flow and the Psychology of Discovery and Invention\* Mihaly Csikszentmihalyi

Creativity Takes Courage: Dare to Think Differently\* Irene Smit, Astrid van der Hulst & the editors of Flow magazine

The Doodle Revolution\*
Sunni Brown

Encyclopedia of an Ordinary Life\* Textbook Amy Krouse Rosenthal\*

#### Amy Krouse Rosenthal

Rosenthal primarily wrote books for children, but in this, her second memoir, she takes a unique approach to writing for adults. She frames the book as a textbook with a chapter on each of the major subjects. There are a number of fun exercises and it's a great example of how the standard memoir mold doesn't make sense for everyone. If you enjoy this one, you may also enjoy Encyclopedia of an Ordinary Life, her first memoir (framed, obviously, as an encyclopedia with various entries on a broad array of subjects).

Furiously Happy\*
Jenny Lawson

inGenius\* Tina Seelig

Making Comics\*
Lynda Barry

Understanding Comics\* Scott McCloud

Wired to Create: Unraveling the Mysteries of the Creative Mind\* Scott Kaufman and Carolyn Gregoire

You Are An Artist\* Sarah Urist Green

Atlas of the Heart: Mapping Meaningful Connection and the Language of Human Experience\*

Brené Brown

Digital Body Language\*

Erica Dhawan

How to Make the World Add Up: Ten Rules for Thinking Differently About Numbers\*

Tim Harford

Messy: The Power of Disorder to Transform Our Lives\*

#### **Podcasts**

The Anthropocene Reviewed

YA Author John Green reviews (on a five star scale) different facets of life on a human-centered planet. As with much of Green's work the episodes are incredibly detailed and well researched so it's not so much that review from Yelp that was riddled with spelling errors as much as they are all deep and thoughtful essays about the ups and downs of life. Canadian Geese and Piggly Wiggly to Viral Meningitis and Cholera. The pairings are often odd at first glance but also well thought out and intentional (does Green ever do anything UNintentionally?). Regardless of how you feel about the topics you will learn and you will likely enjoy yourself. I give The Anthropocene Reviewed 4.5 stars.

Rough episode length: 20 minutes

Recommended episodes: Tetris and the Seed Potatoes of Leningrad, Super

Mario Kart and the Bonneville Salt Flats, Hawaiian Pizza and Viral

Meningitis

Death, Sex, & Money

Not all episodes are safe for work Most episodes could easily have trigger warnings. Please take care of yourself first.

Anna Sale interviews a wide range of people on topics that are often considered taboo in our society. While this includes the items in the title, it also includes mental illness, aging, drug use, and more. I often assign some episodes to my students and their takeaways are always deep and revelatory. Some interviews are with famous people and others are with common folks.

Rough episode length: 20 minutes

Recommended episodes: We're Not Going to Have Karl Again, How Jeff Daniels Got Sober, Again, John Green Thinks Adulthood is Underrated, This Senator Saved My Love Life, Chaz Ebert on Life Without Roger, From Chaos to Sesame Street, Stop Calling Me 'The Homeless Valedictorian'

Everything is Alive

Rough episode length: time Recommended episodes: Episodes

## Movies & TV

## Chef's Table (Netflix)

Each episode of this show highlights one professional chef and both what they do now as well as how they go there. My favorite two are Massimo Bottura (Season 1) and Christina Tosi (Season 4). They discuss their creative process and you can watch it evolve (or not) as they gain fame.

## Next in Fashion (Netflix)

A relatively new show, this stars Tan France from Queer Eye, as one of two judges of a fashion competition. At the beginning each team of two designers has approximately 1.5 days to complete a task and have 1 (or more) garments ready to wear in a fashion show. As with most reality competitions, at the end of each episode 1 pair is the winner and 1 pair goes home. Unlike Project Runway, the competitors are incredibly diverse (Mexican, Chinese, Korean, British, etc.). In addition to learning about creativity, this show highlights the pains (and joys) of collaboration.

# Project Runway (Hulu)

Similar to Next in Fashion (but less diverse and more iconic), individuals compete to create a garment to be judged. An immense amount of creativity and drive is on display as contestants may need to make clothes out of items at a party store or multiple dresses within a day. Feels more like a classic cutthroat reality competition.

# The Surgeon's Cut (Netflix)

In all fairness, I've only watched the first episode, but if you're interested in medicine, he talks about the evolution of tools for (in episode one's case) addressing fetal issues when the baby is still in utero. There is death and you see real surgeries, but it also shows the power of thinking outside of the box and the importance of things beyond medicine in treating patients.

#### Games

Mockups\*

If you are trying to

**Pictionary** 

Disruptus\*

# Mailing Lists

The Isolation Journals with Suleika Jaouad

#### https://theisolationjournals.substack.com/

Jaouad is a writer and creative who started this "journal" at the beginning of Covid. Her book, Between Two Kingdoms: A Memoir of a Life Interrupted is the the story of her post college diagnosis of leukemia and the fight to stay alive. She stayed alive and had already lived through extensive isolation during her leukemia treatments, but Covid brought her back to that place. While there is a paid subscription available, the free version includes weekly newsletters about how things are going and a prompt for creativity. The cancer is back (so CW if necessary), but she writes about joy and disappointment and brings in words from so many other creatives both famous and unknown.

# The Marginalian by Maria Popova (formerly Brain Pickings) <a href="https://www.themarginalian.org/newsletter/">https://www.themarginalian.org/newsletter/</a>

Two mailings a week. Wednesday is from the archives, but is designed as a pick-me-up for the middle fo the week. The Sunday issue is wide ranging and can include anything from James Baldwin on long distance love to an animation of a symphonic reading of a poem by Richard Feynman set to music by Yo-Yo Ma (read by Yo-Yo Ma). Other features in the same Universe in Verse series include Amanda Palmer, Zoe Keating, Emily Dickinson, and Sophie Blackall.

# What to Cook by Sam Sifton

#### https://www.nytimes.com/column/what-to-cook

Sifton is a long time food guy from the New York Times and this 4 times a week newsletter is an interesting mix of good writing, recipes (and sometimes no-recipe recipes), and other random links from around the web. While if you don't have a NYTimes Cooking subscription (which for me is well worth the \$5/month) you won't be able to get the recipes, Sam always ends with links from elsewhere. Maybe a music video of the newest Japanese Breakfast release or a new Spotify playlist. But it could also be an older novel or a new true crime podcast. Well written with gorgeous pictures of food. It stacks up in my inbox but is always a delight.

# **Design Thinking**

#### **Books**

The Big Bento Box of Unuseless Japanese Inventions\*

Change by Design\*
Tim Brown

Design the Future\*

Gamestorming\*

Dave Gray, Sunni Brown, Jame Macanufo

Health Design Thinking\*

Bon Ku, MD and Ellen Lupton

If you're at all interested in UX in the healthcare world (digital or physical), you'll probably be intrigued by the book about design thinking in the healthcare space.

**Innovation Games\*** 

Sprint: How to Solve Big Problems and Test New Ideas in Just Five Days\* Jake Knapp with John Zeratsky and Braden Kowitz

This book, by the inventors of the Design Thinking Sprints at Google Ventures, introduces the 5 day design sprint method that is widely utilized throughout Google as well as in the rest of the UX world. There are a number of tips and tricks but they also step you through the method in a day by day format that is easy to understand and absorb.

This is a book about how to change anything\*

What's Their Story\*

### **Podcasts**

Creative Confidence
This podcast from IDEO

# Movies & TV

Abstract: The Art of Design (Netflix)

This series looks at a wide range of "designers" and how they work and their history. These include sneaker designers, automotive designers, costume designers, font designers, and toy designers. Seeing their process and history helps you understand the setting for their successes, but also the power behind good design.

# Passport Plum

A documentary by Delta Airlines about their recent collaboration with Zac Posner to redesign all the Delta uniforms. It sounds like a strange match, but is an excellent case study of user centered design including some participatory design sessions. A condensed version of the film (entitled "Designing Delta") is available on <u>Delta's YouTube channel</u>.

# **Mailing Lists**

## IDEO U Monthly Newsletter

https://www.ideou.com/

A monthly newsletter from design consultancy IDEO's education branch, IDEO U. They advertise upcoming classes, but also link to resources including articles and podcasts. They also (I think with this mailing list) send out notes about podcast recordings for their Creative Confidence podcast. (IDEO is the design consultancy that pioneered design thinking.)

# Psychology & Behavioral Economics

### **Books**

Blink\*

Malcolm Gladwell

Make it Stick\*
Chip Heath and Dan Heath

Nudge\*
Richard Thaler and Cass Sunstein

Predictably Irrational\*

Dan Ariely

Learn about how our smart and rational decisions may not be smart and rational. Ariely is a professor of Psychology and Behavioral Economics and runs the Center for Advanced Hindsight. He has a number of short videos on his website, but this is a relatively easy read and is not very academic. Note that in 2021, data from a publication from 2012 about the impact of a statement at the top of a test about not cheating was found to have been manipulated. The accusation was that the data was faked. The paper was retracted and Ariely denies participating in the fraud. 2023 update: Some new research shows that Ariely's team was responsible for the fraud.

#### **Podcasts**

Hidden Brain

Some episodes could easily have trigger warnings. Please take care of yourself first.

A social psychology podcast from NPR. From emotions and death to work and masculinity, this podcast is comprised of stories many of which may play in abridged forms on NPR news

shows. The host, Shankar Vedantam has degrees in EE and journalism though much of his journalism work has been centered on social psychology and public health.

Rough episode length: 40 - 50 minutes

Recommended episodes: Check Yourself (with Atul Gawande),

Switchtracking, Liar Liar

#### Invisibilia

Invisibilia is from NPR and aims to explain and explore the forces that shape human behavior and ideas. This podcast tends to elicit strong opinions, so if you listen and don't like it, move on. It can seem a little touchy feely at times.

Rough episode length: 30 - 45 minutes

Recommended episodes: Our computers Ourselves, The New Norm, The

Problem with the Solution

## Planet Money

Explores all the ways that money and the economy shape our daily lives. The team aims to explain a variety of economic principles and news stories for normal people. Some of their most famous series have been Planet Money Makes A T-Shirt where they followed their shirt from the cotton fields to factories to container ships and in another series they bought 100 barrels of crude oil following it from the ground to the gas tank.

Rough episode length: 20 minutes

Recommended episodes: The Taxi King, The M&M Anomaly, The Basic Income

Experiment, When India's Cash Disappeared, PLanet Money Makes a

T-Shirt, Planet Money Buys Oil

# Unlocking Us

Brené Brown has two new podcasts available on Spotify (for free). The first is Unlocking Us and the second, Dare to Lead with Brené Brown.

Rough episode length: 1 hour

Recommended episodes: Brené on FFTs, Brené on Comparative Suffering, the 50/50 myth, and Settling the Ball, Dr. Vivek Murthy and Brené on loneliness and connection, Brené with Ibram X. Kendi on How to Be an Antiracist, On My Mind: RBG, Surge Capacity, and Play as an Energy Source

#### WorkLife with Adam Grant

A TED podcast with organizational psychologist Adam Grant, the goal is understanding how we can "make work not suck."

Rough episode length: 30 - 45 minutes

Recommended episodes: The perils of following your career passion, The creative power of misfits, How to love criticism, The problem with all-stars

#### Games

The Irrational Game\*

# **Mailing Lists**

Habit Weekly

https://www.habitweekly.com/

A newsletter released on Sunday sharing great articles, books, and podcasts from the world of behavioral economics. There's a paid version as well and an annual conference that they run. Includes job ads.

Irrational Labs

https://irrationallabs.com/

This newsletter is run by the Irrational Labs group, a behavioral science and product design group founded by Dan Ariely and Kristen Berman. It's less useful than Habit Weekly but comes out less often. It's generally promoting the Irrational Labs courses, podcasts, etc.

# **UX** Research

#### **Books**

Doorbells, Danger, and Dead Batteries\* Steve Portigal

The Field Study Handbook\*
Jan Chipchase

Handbook of Usability Testing\*

Just Enough Research\*
Erica Hall

Surveys that Work\*
Caroline Jarrett

### **Podcasts**

#### **Dollars to Donuts**

UX researcher Steve Portigal interviews people who are the heads of research at their organizations to learn more about research leadership at various companies ranging from small startups to massive corporations, tech to government to finance.

Rough episode length: 1 hour

Recommended episodes: Marianne Berkovich (Glocko), Judd Antin (Airbnb)

#### Fresh Air

While not a UX podcast, host Terry Gross (and her stand ins) are absolute master interviewers. While there is some editing, the ability to focus participants, talk about difficult topics, and deal with hostile interviewees is a true gift. Some of the best interviews are with people who aren't famous, but have written books on interesting topics such as climate change or earthquakes.

Rough episode length: 40 minutes

Recommended episodes: Maurice Sendak, Gene Simmons (NSFW), Russel

Brand (NSFW), Tan France, Henry Fountain (Science Writer)

### Websites

EPIC: Advancing the Value of Ethnography in Industry

https://www.epicpeople.org/

This organization is centered around ethnographers who do UX research work in industry. They hold an annual conference, send monthly newsletters, and run regular conferences. They host a jobs board on their site. If you're interested in more anthropological/ethnographic perspective on research, definitely check them out. I went to their conference in 2015.

# Institute for Money, Technology & Financial Inclusion (IMFTI) <a href="https://www.imtfi.uci.edu">www.imtfi.uci.edu</a>

This site is the center for all research about Money and Tech in emerging markets. Very academic in nature, they also host conferences, have external resources, and a deep email newsletter. If the intersection of UX and money intrigue, please check out their work.

# Nielsen Norman Group

#### www.nngroup.com

A prolific website focused on UX research, they produce informational articles, videos, and a quick Monday newsletter to highlight methods, specific populations, and information of interest to the UX research community. Founded by Don Norman (of <u>The Design of Everyday Things</u>) and Jakob Nielsen. They are also a consulting company, but are known for their methodology information.

#### Pew Research Center

#### https://www.pewresearch.org/

One of the top surveyors in the country, Pew regularly runs surveys on public interest topics as well as trust in media, social media, and religion. If you're looking for thorough data collection and analysis with ALL the tiny little details you can find it here. (You can also find short summaries!)

### Movies & TV

## Queer Eye (Netflix)

This is one of the best resources on interviewing, designing for people where they want to be, and empathy. The modern episodes highlight real people and focus on improving their lives in sustainable ways, not dramatic flourishes that will vanish in a week's time. Much of what they focus on isn't the surface issues, but the support structures and holistic experiences. Watch how the Fab 5 listen to what they're being told and react accordingly.

# **Mailing Lists**

#### Jakob Nielsen Alertbox

https://www.nngroup.com/articles/subscribe/

A newsletter released on Sunday sharing great articles, books, and podcasts from the world of behavioral economics. There's a paid version as well and an annual conference that they run. Includes job ads.

# Pew Research Center Mailing Lists

https://pewresearch.us1.list-manage.com/subscribe?u=434f5d1199912232d416897e4&id=3e953b9b70

Pew is known as one of the most thorough and nonpartisan "fact tanks" in the US. Their work is used across many industries and by numerous media outlets. They offer a wide range of newsletters from quarterly methodology newsletters to weekly newsletters with information on all their new findings. If you are the slightest data or survey nerd you will LOVE this. They also have some mini email courses

https://pewresearch.us1.list-manage.com/subscribe?u=434f5d1199912232d416897e4&id=c329be4e7c if you are more into learning about topics instead of surveys and survey results.

# CyberCrime

#### **Books**

American Kingpin: The Epic Hunt for the Criminal Mastermind Behind the Silk Road\*

Nick Bilton

This book is a biography of Ross Ulbricht, founder of the Silk Road, but it's also the story of DEA, FBI, and other federal agents and their work to capture Ulbricht. It's a pretty disturbing story, but a strong lesson about the impact of power.

The Art of Deception Kevin Mitnick

The Art of Invisibility Kevin Mitnick

Breaking And Entering: The Extraordinary Story of a Hacker Called "Alien"\* Jeremy N. Smith

Alien is a female ethical hacker who hacks into digital systems as well as physical locations. This is her story from MIT freshman to professional consultant. She works in several different industries and encounters a number of barriers.

Click Here to Kill Everybody\*

Bruce Schneier

Countdown to Zero Day: Stuxnet and the Launch of the World's First Digital Weapon\*

Kim Zetter

The story of the worst nation state cyberattack to date. This will also make you terrified about the lack of controls on control systems (like the systems controlling water, sewers, electric grid) and you'll learn about nuclear power. Yes, you can watch the movie and that will give you some context, but this adds more background and a deeper sense of dread.

Crash Override: How Gamergate (Nearly) Destroyed My Life, and How We Can Win the Fight Against Online Hate\*

Zoë Quinn

This is a few books in one. First, the memoir of Zoë Quinn, an independent game developer. Second, the story of the emergence of Gamergate. Third, a book about how neither our technology and court systems are prepared to deal with online hate. Short summary: Quinn broke up with an abusive boyfriend who retaliated with a long, detailed post about their

relationship that included numerous lies. This spurred the online crowd to a misogynistic harassment campaign.

The Cuckoo's Egg\*

Clifford Stoll

Stoll was working at Berkeley National Lab and was asked in 1986 to understand an accounting error. He happened upon a hacker. This is the story of both what the hacker was doing and how law enforcement was confused by this new type of crime. Dated but interesting.

Cult of the Dead Cow\*

Cyber Crime\*

Dot Con: The Art of Scamming a Scammer\*

James Veitch

Ghost in the Wires\*

Kevin Mitnick and William

The story of Kevin Mitnick, one of the best known hackers, arrested in 1995 by the FBI for numerous crimes. Now an ethical hacking consultant, this book outlines his start in the space as well as numerous social engineering methods he engaged to gain entrance and/or appear legitimate.

**Gray Day** 

Kingdom of Lies\*

Kate Fazzini

A somewhat bizarre swirl of international cybercrime from the cybersecurity teams protecting banks in New York City to club happy teens in Romania. If you're interested in an overview, or understanding a wide range of cybercrimes, cybercriminals, and motivations, this is the best choice for you.

Masters of Deception\*

Michelle Slatalla and Joshua Quittner

A mid 1990s written book about events of 1989 & 1990 and the phone phreakers that brought down the AT&T network by accident.

Sandworm: A New Era of Cyberwar and the Hunt for the Kremlin's Most Dangerous Hackers\*

Andy Greenberg

Sharenthood: Why We Should Think Before We Talk about Our Kids

Online\*

Leah A. Plunkett

# Social Engineering

Spam Nation\*

**Brian Krebs** 

Brian Krebs (of Krebs on Security) gets to know a number of the biggest players in the Russian spam industry and documents the motivations, outcomes, and issues in the spam space.

Spam: A Shadow History of the Internet\* Finn Brunton

This is How they Tell Me The World Ends\*
Nicole Perlroth

This Machine Kills Secrets: How Wikileakers, Cypherpunks, and Hacktivists Aim to Free the World's Information\*

Andy Greenberg

Twitter and Tear Gas\* Zeynip Tufekci

# **Podcasts**

Click Here

shkdfsd

Rough episode length: time Recommended episodes: Episodes

The Content Mines

https://www.thecontentmines.com/archive?sort=new

shkdfsd

Rough episode length: time Recommended episodes: Episodes

**Darknet Diaries** 

shkdfsd

Rough episode length: time Recommended episodes: Episodes

#### **Endless Thread**

https://www.wbur.org/podcasts/endlessthread

shkdfsd

Rough episode length: time Recommended episodes: Episodes

# Hacking Humans

https://thecyberwire.com/podcasts/hacking-humans

shkdfsd

Rough episode length: time Recommended episodes: Episodes

# **Hunting Warhead**

https://www.cbc.ca/listen/cbc-podcasts/387-hunting-warhead

shkdfsd

Rough episode length: time Recommended episodes: Episodes

#### The Lazarus Heist

https://www.bbc.co.uk/programmes/w13xtvq9/episodes/downloads

shkdfsd

Rough episode length: time Recommended episodes: Episodes

#### One Click

https://www.audacy.com/podcasts/one-click-57707

shkdfsd

Rough episode length: time Recommended episodes: Episodes

#### Rabbit Hole

https://www.nytimes.com/2020/04/22/podcasts/rabbit-hole-prologue.html

shkdfsd

Rough episode length: time Recommended episodes: Episodes

# Reply All

## Not all episodes are safe for work

A Tech-ish podcast from Gimlet Media about all sorts of things from hacking to microdosing. A strong cybersecurity slant. A combination of goofy personalities, fascinating stories, and insight into weird corners of internet culture. FYI Yes Yes No is the hosts explaining something in the tech world to their boss. Usually very complex memes. Super Tech Support aims to solve really bizarre tech problems by bringing in experts (for example, one specific podcast breaks a Mazda car stereo).

Rough episode length: 1 hour

Recommended episodes: The Cathedral, The Russian Passenger (followed by Beware All and then The Return of the Russian Passenger), The Roman Mars Mazda Virus, Long Distance (and Long Distance Part II), What Kind of Idiot Gets Phished?, Dark Pattern

### Websites

Krebs on Security

## Going the Distance (and Beyond) to Catch Marathon Cheaters

By Gordy Megroz in Wired

An article about harnessing the power of technology to catch people who cheat in marathons and other races, both in expected and unexpected ways. The article also looks at the other side of the issue, cyberbullying of purported cheaters.

# **Mailing Lists**

**Title** 

Link

Description

# Data Viz

## **Books**

Avoiding Data Pitfalls: How to Steer Clear of Common Blunders When Working with Data and Presenting Analysis and Visualizations
Ben Jones

Beautiful Evidence\*
Edward Tufte

The Best American Infographics 2013\* Gareth Cook

The Best American Infographics 2014\*
Gareth Cook

The Best American Infographics 2015\* Gareth Cook

The Best American Infographics 2016\* Gareth Cook

Better Data Visualization\*
Jon Schwabish

Big Data, Big Dupe Stephen Few

The Big Picture\*
Steve Wexler

The Data Detective
Tim Harford

Data Feminism\*
Catherine D'Ignazio and Lauren F. Klein

Data Fluency: Empowering Your Organization with Effective Data Communication\*
Zach Gemignani and Chis Gemignani

Data Points: Visualization That Means Something Nathan Yau

Data Sketches\*
Nadieh Bremer and Shirley Wu

Data Story\* Nancy Duarte

Data Visualization\*
Andy Kirk

Dear Data\*
Giorgia Lupi and Stefanie Posavec

Design is Storytelling\* Ellen Lupton

Effective Data Storytelling\*
Brent Dykes

Envisioning Information\*
Edward Tufte

Good Charts\*
Good Charts Workbook\*
Scott Berinato

How Charts Lie\*
Alberto Cairo

Info We Trust RJ Andrews

Information Dashboard Design: Displaying data for at-a-glance monitoring Stephen Few

Killer Visual Strategies\*
Amy Balliett

Knowledge is Beautiful\*
David McCandless

#MakeoverMonday\*
Andy Kriebel and Eva Murray

Naked Statistics\*
Charles Wheelan

Observe, Collect, Draw\* Giorgia Lupi and Stefanie Posavec

Picture This: How Pictures Work\*
Molly Bang
Seeing with Fresh Eyes\*
Edward Tufte

Show Me the Numbers: Designing Tables and Graphs to Enlighten\* Stephen Few

Storytelling with Data\*
Storytelling with Data Let's Practice\*
Cole Nussbaumer Knaflic

The Visual Display of Quantitative Information\* Edward Tufte

Visual Explanations\*
Edward Tufte

The Visual Miscellaneum\*

David McCandless

Visual Thinking for Design\*
Colin Ware

# **Podcasts**

Policy Viz Podcast

**Stats & Stories** 

Storytelling with Data Podcast

# Websites

# Eyeo Festival

<u>https://eyeofestival.com/</u> (Conference/Festival - documentation lets you see prior websites)
<u>https://vimeo.com/eyeofestival/channels/moderated</u> (All past talks)

Eyeo is a bizarre conference/event. I finally decided it's kindof like the conference you get if you bring together people who love art, technology, and inclusion. Due to that, usually a number of the speakers are data viz folks. In 2022, speakers included Giorgia Lupi, Stefanie Posavec, Alberto Cairo, and Shirley Wu. The speakers are given 45 minutes and all the talks are taped. If you're interested in data viz, generative art (e.g. art made with code), or being a human please check out their archives.

Makeover Monday

Our World in Data

### Games

Charty Party All Ages Edition\*

# **Mailing Lists**

**Title** 

Link

Description

# **Inclusive Design**

#### **General Books**

Accessibility for Everyone\*
Laura Kalbag

Cross Cultural Design\* Senongo Akpem

Design for Safety\*

#### Eva PenzeyMoog

Another book from A Book Apart, this book is a must read for anyone who is interested in the ideas of preventing technological abuse, particularly in intimate partner violence. PenzeyMoog is a designer who has also worked as a Rape Crisis Counselor and much of the book is centered around stories of abuse but also small tweaks that could be made to interfaces, products, or experiences to make them safer for all. It's a quick and informative read that will change how you design.

How to be Antiracist\*

Ibram X. Kendi

Much of UX is about inclusion and thinking about the impact of our design on human lives. How to be Antiracist walks us through a number of ways that racism shapes the day to day lives of non-white people from the blatent to microagressions and what we can do to fight against it. While much of racism is based within racist policies, there are things that we can take from this book to help design a more fair and equitable system for all.

Mismatch: How Inclusion Shapes Design\*

Kat Holmes

If you're interested in inclusive and accessible design, Kat Holmes (formerly of Microsoft and Google) brings numerous stories and examples of non-inclusive and inclusive design to the forefront. She also argues for the importance of inclusive design in bringing design into the future. Lots of the concepts and images will be familiar if you've read the Microsoft Inclusive Design Toolkit or 101 booklet.

The Next Billion Users\* Payal Arora

A Web for Everyone: Designing Accessible User Experiences\* Sarah Horton and Whitney Quesenbery

What Can a Body Do? How We Meet the Built World\*

Sara Hendren

This book is by a woman who is an artist and UX researcher and teaches inclusive design at Olin College of Engineering. The only thing that would possibly improve it would be if she had first-hand experience as a disabled person (her son is disabled but that is a different thing altogether). Throughout the book she centers the experiences of disabled people and introduces everything from custom made cardboard furniture to a planned Dutch village for people with dementia.

## **Memoirs**

#### Race

Born a Crime: Stories from a South African Childhood\*

Trevor Noah

Noah writes about life in apartheid and post-apartheid South Africa as a "colored" child, the son of a Black woman and a white man, illegal in those days. As on his show, everything is treated with humor, but there is real power and emotion underneath it. In some ways this book is gentle and in other ways harsh.

The Immortal Life of Henrietta Lacks

Rebecca Skloot

This story, made into a movie, is about a young Black woman, Henrietta Lacks, who sought out treatment in 1951 for cervical cancer. The doctors biopsied the tumor and the cells doubled every 24 hours, contrary to other cells which quickly died. These HeLa cells are used in labs across the world to study new medications, treatments, and toxins and, while not monetized, have led to significant profits for drug makers and other companies. The concern was that Lacks was not informed and did not consent to her cells being used this way. While this is also under ethics, this book is deeply about race and racial inequities, both in the past and today.

You Can't Touch My Hair: And Other Things I Still Have to Explain Phoebe Robinson

# Disability

Being Heumann: An Unrepentant Memoir of a Disability Rights Activist\* Judith Heumann

Heumann is in the forefront of disability rights both now and going back to the Section 504 Sit In in 1977. In this book she chronicles her childhood, activism, and her life, both the good and the bad. She talks about the denial of her teacher's license and being unable to get to the bathroom in college because there was one step into the bathroom. If you are at all interested in disability rights, this is a must read.

Being Seen: One Deafblind Woman's Fight to End Ableism\* Elsa Sjunneson

Beyond the Bear: How I Learned to Live and Love Again after Being Blinded by a Bear Dan Bigley

Unlike all the other memoirs about disability here, Bigley becomes disabled after a bear mauling when he is an adult. The mauling leaves him blind and he has to learn how to be a blind adult without having been a blind baby and a blind kid. The book goes in depth about the mauling and healing, but also about the rehab and his life post rehab.

Easy Beauty: A Memoir\* Chloé Cooper Jones

El Deafo\*

Cece Bell

An autobiographical graphic novel about her illness and then growing up deaf. She gets hearing aids and a Phonic Ear to help her hear her teachers. She struggles with not fitting in with friends and fights against learning sign language, fearing it will just make her stand out. In her fantasies, she is El Deafo and has a comeback for everything. Appropriate for young kids (I'm reading it to my 3 year old) but has some interesting insights about being deaf in a hearing family.

Haben: The Deafblind Woman Who Conquered Harvard Law

Haben Girma

This book is in multiple different categories because Haben Girma is a Deafblind lawyer who is Eritrean and spends time in Eritrea throughout the book. Girma is a disability advocate who has a fascinating story that will expand your mind. If you think MSOE is hard, imagine going to Harvard Law School while being Deafblind. (She also has a great Instagram with pictures of her adventures with her service dog.)

If at Birth You Don't Succeed: My Adventures with Disaster and Destiny Zach Anner

Laughing at My Nightmare Shane Burcaw

Moving Violations: War Zones, Wheelchairs, and Declarations of Independence\* John Hockenberry

Sitting Pretty: The View from My Ordinary Resilient Disabled Body Rebekah Taussig

Strangers Assume My Girlfriend is my Nurse Shane Burcaw

Ten Steps to Nanette: A Memoir Situation\*

Hannah Gadsby

First, this is a book about trauma. It's funny, but it's about trauma. If you have questions about the traumas involved, please let me know. (If you've watched Nanette and Douglas on Netflix, this won't be a big surprise to you.) Gadsby is a successful comedian from Australia who is autistic and has ADHD and is also a lesbian. Her comedy crossed over to the US with Nanette in 2017 and this book is her story from her childhood through the post-Nanette press and

shows. While she talks in depth about how her autism and ADHD shaped her, also omnipresent is the homophobia that was continually present in her childhood.

#### International

Born a Crime: Stories from a South African Childhood\*

Trevor Noah

Noah writes about life in apartheid and post-apartheid South Africa as a "colored" child, the son of a Black woman and a white man, illegal in those days. As on his show, everything is treated with humor, but there is real power and emotion underneath it. In some ways this book is gentle and in other ways harsh.

China Road: A Journey into the Future of a Rising Power\*

Rob Gifford

At the time a National Public Radio Correspondent and fluent Mandarin speaker in China, Gifford travels China's equivalent of Route 66 through China from Shanghai to the border with Kazahkstan. While not Chinese, Gifford gives some insight into areas of China that are rarely seen in the West. (Book was written in 2007 so may be somewhat dated, especially in coverage of the Uyghurs.)

City of Thorns: Nine Lives in the World's Largest Refugee Camp\*

Ben Rawlence

This book follows 9 individuals through their experiences at Dadaab, one of the largest refugee camps in the world. It's a great book to match with When Stars are Scattered as that book brings visuals while this book brings much richer stories. (If you finish this book and think that refugee camps work, you should likely reread it.)

Haben: The Deafblind Woman Who Conquered Harvard Law

Haben Girma

This book is in multiple different categories because Haben Girma is a Deafblind lawyer who is Eritrean and spends time in Eritrea throughout the book. Girma is a disability advocate who has a fascinating story that will expand your mind. If you think MSOE is hard, imagine going to Harvard Law School while being Deafblind. (She also has a great Instagram with pictures of her adventures with her service dog.)

Homes: A Refugee Story\*

Abu Bakr al Rabeeah and Winnie Yeung

This book, by a young refugee and his teacher, tells the story of the family fleeing from Iraq to Syria and then of life in Syria during the civil war. Much of this book is horrifying, but the rest is very mundane. Kids playing soccer in the street, going to school, coming home. Unlike some of the other books about refugees, this book shows the whole process of interviewing and moving the family to Canada.

The Last Days of Old Beijing: Backstreets of a City Transformed\*

#### Michael Meyer

I discovered this book when Meyer spoke at Google when it was released in hardcover in 2008. Meyer began his journey in China as a Peace Corps volunteer, but remained in the country for much of the next 15 years (coming from undergrad at Madison). The book is a documentation of the hutongs, narrow lanes, that numbered over 7000 in 1949, but were being eliminated at a rate of hundreds per year in the 90s. The government was evicting residents and eliminating a way of life. Meyer lives in a hutong that is destined to be destroyed before the Beijing Olympics. This book is a record of what life was like before McDonalds, Starbucks, Walmart, and IKEA took over and the ups and downs of what living in true community with your neighbors can look like. (Because sharing a bathroom is worlds apart from asking someone to collect your mail or water your garden.)

Mountains Beyond Mountains\*

Tracy Kidder

Kidder follows Doctor, Medical Anthropologist, and MacArthur Genius award winner Dr. Paul Farmer around the world as he fights to ensure rural Hatians have good healthcare. Lots of flights between Boston, where he's a student, then resident, at Harvard, and Port a Prince and stories of the founding of Partners in Health (PIH), a leading international public health charity. Where Doctors without Borders rushes in during emergencies, PIH seeks to create systemic and long term change. However **how** Dr. Farmer does this in a way that respects and honors the people he is serving is what the real story is. Also a good read if you're interested in the development of protocols to cure drug resistant tuberculosis. This is a straightforward read and isn't overly medical.

Refugee High: Coming of Age in America\*

Elly Fishman

The Return: Fathers, Sons and the Land in Between

Hisham Matar

When Matar was in college in London, his father suddenly disappeared, not the first in a series of strange happenings surrounding his father. Twenty two years later, after Qaddafi had fallen and been assassinated, Matar returns to a Libya that is both familiar and foreign to try to find out what happened to his father.

Solito: A Memoir\*
Javier Zamora

The Spirit Catches You and You Fall Down: A Hmong Child, Her American Doctors, and the Collision of Two Cultures\*

Anne Fadiman

This is a story about culture clash, medicine, and a girl caught in between in 1980s central California. The author tries to understand both sides of the story, but due to communication barriers, the doctors are probably represented more fairly than the family or the girl in question.

Nonetheless, the anniversary edition has some great notes about what has been done in the Central Valley since the 80s to incorporate more Hmong culture and ensure that these miscommunications don't happen.

The Best We Could Do\*
Thi Bui

When Stars Are Scattered\*

Victoria Jameson and Omar Mohamed

A great middle grade graphic novel that tells the story of Omar and his brother. Their journey from Somalia to Dadaab, one of the largest refugee camps in the world, and then their day to day in Dadaab. Omar's brother doesn't speak and they couldn't find their mother so they are alone. This is a fast book (that will likely bring some tears or thoughts of tears) but helped me understand much better what refugee camps are really like, especially as temporary turned permanent settlements.

#### Class

Educated

Tara Westover

Maid: Hard Work, Low Pay, and a Mother's Will to Survive

Stephanie Land

The Moment of Lift: How Empowering Women Changes the World Melinda Gates

#### Other

The 57 Bus Dashka Slater

Hunger: A Memoir of (My) Body\*

Roxane Gay

In Sensorium: Notes for My People\*

Tanaïs

Just Mercy

Bryan Stevenson

## **Fiction**

### Middle Grade

Prairie Lotus (Race)

Linda Sue Park

This book is an homage to Little House on the Prairie, written by a fantastic author who felt like no one in the Little House books looked like her. So Park dug up the history of Asian Americans in the Midwest, specifically as Chinese Americans helped to build the railroad from California towards the East. So it's like Little House on the Prairie if the protagonist were Asian American with a white dad and the indigenous people were treated as humans.

Show Me a Sign (Disability)

Ann Clare LeZotte

This book is about the Deaf community on Martha's Vineyard in the mid 1800s. With so many Deaf people on the island, they developed Martha's Vineyard Sign Language which was used by most people in the community, hearing or deaf. This is a middle grades novel about family and friendship, but also about ableism, isolation, and communication. (Deaf author)

## Young Adult

Cursed (Disability)

Karol Ruth Silverstein

Firekeeper's Daughter (Race, Class)\*

Angeline Boulley

The Hate U Give (Race)

**Angie Thomas** 

Dear Justyce (Race)

Nic Stone

Dear Martin (Race)

Nic Stone

The Love and Lies of Rukhsana Ali (International, LGBTQ+)

Sabina Khan

A fantastic book about a Muslim teen who realizes she's lesbian and when her conservative family finds out things do not go well.

Sick Kids in Love (Disability)\*

#### Hannah Moskowitz

As someone with a chronic illness, this book had so many phrases that resonated with me. The author has a chronic illness and talks about things like the frustration of tests showing up normal when in no ways are you normal as well as how to deal with rough days and good days and people in your life who don't get it. (Chronically ill author)

Warrior Girl Unearthed (Race, Class)\*
Angeline Boulley

#### Adult

Americanah (Race, International)

Chimamanda Ngozi Adichie

Adichie is well known for novels, short stories, and her essay "We Should All Be Feminists" as well as for her controversial statements that some see as transphobic. The book centers around Ifemelu, a young Nigerian woman and her experiences in Nigeria, in the US, and moving back to Nigeria. Watching Ifemelu move between cultures and experiences, smoothly but with so much intention, is part of the strength of this book.

Girl, Woman, Other (Race, International, LGBTQ+)

Bernardine Evaristo

I picked this up because it won a Booker Prize in 2019 and I was enjoying another work by the author (<u>Blonde Roots</u>, another novel set in a fictional world where Africans colonized Europe). But this book drew me in. The structure is odd (four chapters, each telling stories of three women that are connected to each other), but as with <u>Vanishing Half</u>, everything started fitting together like a crisp, wooden jigsaw as the book progressed. The book touches on racism, feminism, politics, gender, patriarchy, sexuality, theater, the British experience, and more but from so many different perspectives that it is a powerful journey.

Lakewood (Race, Class, Ethics)\*

Megan Giddings

This fictional dystopia focuses most specifically on ethics around medical testing and how that impacts communities, specifically poor communities of color. A fascinating and fairly quick read.

Southernmost (Class, LGBTQ+)\* Silas House

True Biz (Disability)\*

Sara Novic

This is THE book to read if you want to learn more about Deaf culture and the deaf experience of many kids in the US today. Novic who is Deaf herself, writes about a Deaf boarding school from primarily three perspectives, the headmistress who is hearing but raised by Deaf parents and is struggling to care for her aging mother, a teen boy who is fifth generation Deaf and has

been surrounded by ASL since birth, and a teen girl who is deaf but knows no deaf people until she starts at the school (which is also her first experience with ASL). If you're looking to pick up some signs or learn about the ableism in the medical community (especially around audiology), this book will delight you. If you want to get a good teen angst story in, this book will also meet your needs. I have recommended this book to easily a dozen people in the three weeks since I read it. (Deaf author)

The Vanishing Half (Race, LGBTQ+, Colorism)

**Brit Bennett** 

This novel came out on June 2, 2020 and the timing, while not planned, meant that an entire country was thinking about race as it came out. The book is about passing and not passing. It's about what is lost and what is gained. It's about LGBTQ+ issues and colorism. But most of all it's a damn good story especially when all the pieces start coming together.

### Non-fiction/Non-memoir Books

Disability

The Architecture of Madness: Insane Asylums in the United States\* Carla Yanni

Bending Over Backwards: Essays on Disability and the Body\* Lennard J. Davis

Claiming Disability: Knowledge and Identity\* Simi Linton

Design Meets Disability\*
Graham Pullin

A Disability History of the United States\*

Kim E. Nielsen

Disability Studies: Enabling the Humanities\*

Sharon Snyder, Brenda Jo Brueggemann, and Rosemarie Garland Thomson (editors)

Fables and Futures: Biotechnology, Disability, and the Stories We Tell Ourselves\* George Estreich

Giving Voice: Mobile Communication, Disability, and Inequality\* Meryl Alper

In Pursuit of Memory: The Fight Against Alzheimer's\*

### Joseph Jebelli

The Mask of Benevolence: Disabling the Deaf Community\*

Harlan Lane

Neurotribes: The Legacy of Autism and the Future of Neurodiversity\*

Steve Silberman

The Question of Access: Disability, Space, Meaning\*

Tanya Titchkosky

Replaceable You: Engineering the Body in Postwar America\*

David Serlin

The Tale of the Dueling Neurosurgeons: The History of the Human Brain as Revealed by True Stories of Trauma, Madness, and Recovery\*

Sam Kean

The Virginia State Colony for Epileptics and Feebleminded: Poems\* Molly McCully Brown

#### International

Fevers, Feuds, and Diamonds: Ebola and the Ravages of History\*

Paul Farmer

Material World: A Global Family Portrait\*

Peter Menzel

Radio Congo: Signals of Hope from Africa's Deadliest War\*

Ben Rawlence

Women in the Material World\* Faith D'Aluisio and Peter Menzel

### Youth

Trust Kids!: Stories on Youth Autonomy and Confronting Adult Supremacy\* Carla Bergman (editor)

#### Gender

Believe Me: How Trusting Women Can Change the World\* Jessica Valenti and Jaclyn Friedman (editors)

#### Race

Seen, Heard, and Paid: The New Work Rules for the Marginalized\* Alan Henry

#### Class

Poverty, by America\* Matthew Desmond

#### I GBTQ+

Y'All Means All: The Emerging Voices Queering Appalachia\* Z. Zane McNeill (editor)

## **Podcasts**

#### Code Switch

If you're interested in race issues, I highly recommend this podcast. It covers a wide range of issues from reparations to the Tuskegee experiments to romance novels and poetry. White listeners will almost certainly learn new information or perspectives. While most stories focus on the Black experience in America, others touch on Latinx and Indigenous people.

Rough episode length: 20 - 50 minutes

Recommended episodes: The Long, Bloody Strike For Ethnic Studies, Why Now, White People?, Political Prisoners?

## Death, Sex, & Money

Not all episodes are safe for work

Most episodes could easily have trigger warnings. Please take care of yourself first.

Anna Sale interviews a wide range of people on topics that are often considered taboo in our society. While this includes the items in the title, it also includes mental illness, aging, drug use, and more. I often assign some episodes to my students and their takeaways are always deep and revelatory. Some interviews are with famous people and others are with common folks.

Rough episode length: 20 minutes

Recommended episodes: We're Not Going to Have Karl Again, How Jeff Daniels Got Sober, Again, John Green Thinks Adulthood is Underrated, This Senator Saved My Love Life, Chaz Ebert on Life Without Roger, From Chaos to Sesame Street, Stop Calling Me 'The Homeless Valedictorian'

## The Heumann Perspective

Judith Heumann has been a disability advocate since she realized other kids weren't like her. Her experience and journey, as seen in the Oscar-nominated Netflix documentary Crip Camp, have been remarkable and have helped to shape the rights that disabled people in the US have today. In this new-ish podcast, she interviews other disabled changemakers and their allies. The podcast not only helps people understand the disability rights movement, but also how we're all people.

Rough episode length: 40 minutes

Recommended episodes: TBD

#### Nice White Parents

From the producers of Serial and The New York Times, this is a story of education in America. Well meaning white parents who want what's best for their school (but may not agree with others on what is best) end up changing the nature of schools. This particular five part podcast focuses on a traditionally non-white middle school in Brooklyn where the population triples (and whitens) as a French immersion program is brought in. Discussions of gentrification, racial integration, hoarding of resources and more. This is a really well done audio documentary.

Rough episode length: 50 minutes

#### The Other Latif

In this podcast, Latif Nasser from Radiolab discovers that there is one other man on the planet that shares his exact name: Detainee 244 at Guantanamo Bay. He sets off on 6 episode documentary to learn more about the other Latif from talking to his lawyer to his family to others he encountered throughout his journey. A great example of how you can build connection. Interviewing the family or friends of a supposed terrorist in Al-Qaeda could end up with a shouting match or something very confrontational, but Nasser instead is constantly calm and questioning trying to put together all the pieces of the story.

Rough episode length: 50 minutes

## Rough Translation

A podcast from NPR that zooms into a story in another country to illuminate how we're thinking about things in the US. The goal is to get us a little outside our echo chambers and a little uncomfortable.

Rough episode length: 20 - 40 minutes

Recommended episodes: Om Alone in India, American Surrogate, Brazil in

Black and White, Liberté, Égalité and French Fries

## Start Up Podcast

A podcast about startups ranging from Gimlet Media (a podcast company recently purchased by Spotify) to church plants, charter schools, and the world of venture capital. Seasons are all following one theme from different perspectives (or at different times) so plan to listen to a whole season.

NO NEW EPISODES

Rough episode length: 30-50 minutes

Recommended episodes: Success Academy, How Not to Pitch a Billionaire,

Words About Words From Our Sponsors, Diversity Report

### Movies

## Bending the Arc (Netflix)

If you're not a reader and aren't going to look at Mountains Beyond Mountains by Tracy Kidder, I'd encourage you to watch this documentary. It doesn't go as deep as the book (and shines a bit more of a spotlight on Farmer and company than I'm guessing they wanted) but it talks about the role that Partners in Health played in building healthcare FOR the people they are serving, figuring out how to treat drug resistant TB, their role in fighting AIDS in rural Haiti (and figuring out how community based care could create change), and working with the Rwandan government to provide primary health care to help rebuild the post-war country.

## Born This Way Presents: Deaf Out Loud

Another show I watched on an airplane, this introduces watchers to three different families who all have at least several Deaf family members. You see them struggle with decisions, but also, despite all being part of the Deaf community, some only talk in sign, some sign and speak, and you can see what that looks like in action.

## CripCamp

A documentary by people with disabilities about Camp Jened, a camp for disabled kids in the 70s. It then follows Judy Heumann and some of her friends through the fight for the ADA. This is available (temporarily) on YouTube but it is a Netflix production.

#### Murderball

A documentary about the 2004 Paralympic Games USA quad rugby team. The men on the team talk about their injuries, their daily lives, but mostly they're playing, training, and living their lives.

## Games

## Inner Field Trip\*

A "game" consisting of cards to kick off reflective writing, specifically focusing on delving into unconscious bias (especially around race).

## **Mailing Lists**

#### AnitaB

#### https://anitab.org/

This website is a great resource for women in computing. They have a newsletter that's mainly about the Grace Hopper Celebration in Computing, but also touches on mental health, scholarship, and other events that they host.

## Mighty Girl

#### https://www.amightygirl.com/

This website is a great resource for those of you who have kids in your life. The newsletter highlights women in history, giveaways, and great books featuring strong women. While it seems to be geared at parents of girls, there are also fantastic book recommendations for adults as well.

### Websites

Next Billion Users from Google

https://nextbillionusers.google/

This site is a collection of the work at Google to look at the next billion users coming online. These are often people coming from places like Indonesia, Brazil, India, and Nigeria and often they're using a mobile device and don't have another computing device. The Research and Tools sections are likely the most relevant for students.

# AI & ML (Especially Ethics)

## **Books**

Algorithms of Oppression: How Search Engines Reinforce Racism\* Safiya Umoja Noble

Artificial Unintelligence: How Computers Misunderstand the World\* Meredith Broussard

Atlas of AI: Power, Politics, and the Planetary Costs of Artificial Intelligence\*
Kate Crawford

Automating Inequality: How High-Tech Tools Profile, Police, and Punish the Poor\*

### Virginia Eubanks

More Than a Glitch: Confronting Race, Gender, and Ability Bias in Tech\* Meredith Broussard

Weapons of Math Destruction: How Big Data Increases Inequality and Threatens Democracy\*

Cathy O'Neil

### **Podcasts**

Radical Al Podcast sdfsd Rough episode length: 1 hour

## Websites

Berkman Klein Center For Internet and Society at Harvard University <a href="https://cyber.harvard.edu/">https://cyber.harvard.edu/</a>

This is an organization within Harvard to understand cyberspace and the laws and norms needed to ensure a civil society ensues. Much of the work has a social justice bent. The BKC mailing lists have lots of online and in person events that may be useful for people to understand the issues at play, especially with AI and ML.

## People and Al Research from Google

#### https://pair.withgoogle.com/

This multidisciplinary team at Google looks at the human side of AI. They do trainings, write articles, and have spent years thinking about the intersection of humans and automation. There are articles/books, a podcast, explanations of bias in AI/ML, as well as a number of open source tools and platforms for exploring making ML models more human understandable, trustworthy, and fair. There are also some research papers that overlap PAIR and NBU (Next Billion Users) by looking at things like the state of AI in Nigeria.

# Tech Ethics (Excluding AI & ML)

### **Books**

Bad Blood: Secrets and Lies in a Silicon Valley Startup\*

John Carrevrou

This book sat on my shelf unread for a while because I was tired of doom and gloom. But the book has some really important lessons about ethics and about work environments. The book centers on the rise and fall of Theranos and the founder, Elizabeth Holmes. Much of the book reads as "what not to do" but it also has some really great lessons about red flags in a workplace and how to (or not to) approach ethical dilemmas.

Code for What?: Computer Science for Storytelling and Social Justice\* Clifford Lee and Elisabeth Soep

Decolonizing Design: A Cultural Justice Guidebook\* Elizabeth (Dori) Tunstall and Ene Agi

Design Justice: Community-Led Practices to Build the Worlds We Need\* Sasha Contanza-Chock

Hacking Life: Systematized Living and Its Discontents\*

Joseph Reagle

The Immortal Life of Henrietta Lacks

Rebecca Skloot

This story, made into a movie, is about a young Black woman, Henrietta Lacks, who sought out treatment in 1951 for cervical cancer. The doctors biopsied the tumor and the cells doubled every 24 hours, contrary to other cells which quickly died. These HeLa cells are used in labs across the world to study new medications, treatments, and toxins and, while not monetized, have led to significant profits for drug makers and other companies. The concern was that Lacks was not informed and did not consent to her cells being used this way. This is also listed under Rae.

Monsters: A Fan's Dilemma\*
Claire Dederer

Race After Technology\*
Ruha Benjamin

The Social Life of DNA: Race, Reparations, and Reconciliation After the Genome\*

Alonda Nelson

## **Podcasts**

## **Bad Blood**

This podcast was launched by John Carryrou during Elizabeth Holmes' trial in Fall 2021. It's a good follow up to the book although if you've been listening to the news and know the general story of Theranos it should stand on its own.

Rough episode length: 1 hour

## Reply All

### Not all episodes are safe for work

A Tech-ish podcast from Gimlet Media about all sorts of things from hacking to microdosing. A strong cybersecurity slant. A combination of goofy personalities, fascinating stories, and insight into weird corners of internet culture. FYI Yes Yes No is the hosts explaining something in the tech world to their boss. Usually very complex memes. Super Tech Support aims to solve really bizarre tech problems by bringing in experts (for example, one specific podcast breaks a Mazda car stereo).

Rough episode length: 1 hour

Recommended episodes: The Cathedral, The Russian Passenger (followed by Beware All and then The Return of the Russian Passenger), The Roman Mars Mazda Virus, Long Distance (and Long Distance Part II), What Kind of Idiot Gets Phished?, Dark Pattern

## Websites

Berkman Klein Center For Internet and Society at Harvard University <a href="https://cyber.harvard.edu/">https://cyber.harvard.edu/</a>

This is an organization within Harvard to understand cyberspace and the laws and norms needed to ensure a civil society ensues. Much of the work has a social justice bent. The BKC mailing lists have lots of online and in person events that may be useful for people to understand the issues at play, especially with AI and ML.

Going the Distance (and Beyond) to Catch Marathon Cheaters
By Gordy Megroz in Wired

An article about harnessing the power of technology to catch people who cheat in marathons and other races, both in expected and unexpected ways. The article also looks at the other side of the issue, cyberbullying of purported cheaters.

## People and Al Research from Google

#### https://pair.withgoogle.com/

This multidisciplinary team at Google looks at the human side of AI. They do trainings, write articles, and have spent years thinking about the intersection of humans and automation. There are articles/books, a podcast, explanations of bias in AI/ML, as well as a number of open source tools and platforms for exploring making ML models more human understandable, trustworthy, and fair. There are also some research papers that overlap PAIR and NBU (Next Billion Users) by looking at things like the state of AI in Nigeria.

## **Mailing Lists**

## Dense Discovery

#### https://www.densediscovery.com/

This weekly newsletter focuses on design and tech but specifically on sustainability and culture. There are links, articles, tweets, books, apps, and very personal intros. If you're interested in tech or design and sustainability (of any sort), you'll like this newsletter.

#### Unfinished

#### https://unfinished.com

This weekly newsletter about the intersection of tech, ethics, and society is a great short intro for getting more engaged in tech ethics debates. Links, videos, quotes, interviews, and tweets all might show up in a given issue.

## Conferences

## RightsCon

#### https://www.rightscon.org/

This annual conference is offered online and in person at very reasonable rates. The goal is to understand human rights in the digital era. This is really about digital ethics. Lots of global leaders as well as well known whistleblowers and activists.

# **Teaching**

### **Books**

Closing the Opportunity Gap: Identity-Conscious Strategies for Retention and Student Success\*

Vijay Pendakur (editor)

Inclusive Teaching: Strategies for Promoting Equity in the College Classroom\*

Kelly A. Hogan and Viji Sathy

This book is a phenomenal resource on creating more inclusive classrooms from the syllabus and class structure to the first day of class to outside of the classroom. While the book just came out in August 2022, the book summarizes so much of my approach to teaching that it's a little eerie. This is the one book I would ask people to read about pedagogy if they're interested in teaching.

Reach Everyone, Teach Everyone: Universal Design for Learning in Higher Education\*

Thomas Tobin and Kirsten Behling

Talking about Leaving: Why Undergraduates Leave the Sciences\* Elaine Seymour

Teach Yourself How to Learn: Strategies You Can Use to Ace Any Course at Any Level\*
Saundra Yancy McGuire

Teaching Naked: How Moving Technology Out of Your College Classroom Will Improve Student Learning\*

José Antonio Bowen

## **Mailing Lists**

Teaching Newsletter from the Chronicle of Higher Education

<a href="https://www.chronicle.com/newsletter/teaching/2023-04-06?utm\_source=Iterable&utm\_medium\_semail&utm\_campaign=campaign\_6549013\_nl\_Teaching\_date\_20230406&cid=te&source=ams\_8sourceid="https://www.chronicle.com/newsletter/teaching/2023-04-06?utm\_source=Iterable&utm\_medium\_semail&utm\_campaign=campaign\_6549013\_nl\_Teaching\_date\_20230406&cid=te&source=ams\_8sourceid=</a>

A weekly newsletter on teaching. It's short and fairly actionable.

# **History of Computing**

### **Books**

Computer: A History of the Information Machine\*

Martin Campbell-Kelly and William Aspray

This textbook, published in 2004, was my textbook for my History of Computing class in 2007. It starts with Babbage in the early 1800s and takes you through the WWII revolution, IBMs investments, and the development of personal computers.

A New History of Modern Computing\* Thomas Haigh and Paul E. Ceruzzi

Where Wizards Stay Up Late\*

Katie Hefner and Matthew Lyon

This book from 1996 details the history of the internet from ~1966 to 1996. It feels somewhat out of date now, but it's definitely a key text in understanding ARPANET, the development of Email, and the mainstreamification of the internet. Mass market paperback.

### Museums

Computer History Museum

Mountain View, CA

https://computerhistory.org/

Well worth a trip, this museum starts with an abacus and travels through the computers of life and fiction to arrive at today. They also have a working copy of Babbage's Difference Engine, built in 1991, though it may no longer be on display.

## People

Vint Cerf

The Chief Internet Evangelist at Google, Cerf stands out in a crowd of young techies. For one, he's 79 years old. For another, I have literally never seen him without his characteristic three piece suit. Jacket, slacks, button-down, tie, and vest. Every day. Cerf is considered a "father of the internet" and codesigned the TCP/IP protocol. He also led development of the first commercial email product, driven in part by wanting to more easily communicate with his wife in

an era where phones were his only option but both of them are hard of hearing and that wasn't a good option for them.

# Gender and Computing

### **Books**

Beyond Barbie and Mortal Kombat: New Perspectives on Gender and Gaming\*

Yasmin Kafai, Carrie Heeter, Jill Denner, and Jennifer Sun (editors)

Programmed Inequality: How Britain Discarded Women Technologists and Lost Its Edge in Computing \*
Mar Hicks and William Aspray

Recoding Gender: Women's Changing Participation in Computing\*
Janet Abbate

Unlocking the Clubhouse: Women in Computing\* Jane Margolis and Allan Fisher

Why So Slow?: The Advancement of Women\* Virginia Valian

# Leadership

#### Books

Humor, Seriously: Why Humor Is a Secret Weapon in Business and Life (and How Anyone Can Harness It. Even You.)\*

Jennifer Aaker and Naomi Bagdonas

This Is Now Your Company: A Culture Carrier's Manifesto\* Mike Rognlien

Let My People Go Surfing: The Education of a Reluctant Businessman\*

Yvon Chouinard

Liftoff!: Practical Design Leadership to Elevate Your Team, Your Organization, and You\*
Chris Avore and Russ Unger

The Making of a Manager: What to Do When Everyone Looks to You\* Jule Zhuo

Meeting Design: For Managers, Makers, and Everyone\* Kevin M. Hoffman

## Work-Life Balance

### Books

The Art of the Gathering: How We Meet and Why it Matters Priya Parker

Atomic Habits: An Easy & Proven Way to Build Good Habits & Break Bad Ones\*

James Clear

Cluttered Mess to Organized Success Workbook: Declutter and Organize Your Home and Life with Over 100 Checklists and Worksheets\*

Cassandra Aarssen

Designing Your Life: How to Build a Well-Lived, Joyful Life\*
Bill Burnett and Dave Evans

Designing Your New Work Life\*
Bill Burnett and Dave Evans

Getting Things Done: The Art of Stress-Free Productivity\*
David Allen

The Happiness Project: Or, Why I Spent a Year Trying to Sing in the Morning, Clean My Closets, Fight Right, Read Aristotle, and Generally Have More Fun\*

#### Gretchen Rubin

Make Time: How to Focus on What Matters Every Day\* Jake Knapp and John Zeratsky

Trauma Stewardship: An Everyday Guide to Caring for Self While Caring for Others\*

Laura van Dernoot Lipsky and Connie Burk

Unfinished Business: Women Men Work Family\* Anne-Marie Slaughter

## Games

Digital Habit Lab by Mind Over Tech\* <a href="https://www.mindovertech.com/digital-habit-lab/">https://www.mindovertech.com/digital-habit-lab/</a>