

The Best Tech Books I Read Fabien Sanglard

New York Times bestseller! "Few are better positioned to illuminate the vagaries of this transformation than Galloway, a tech entrepreneur, author and professor at New York University's Stern School. In brisk prose and catchy illustrations, he vividly demonstrates how the largest technology companies turned the crisis of the pandemic into the market-share-grabbing opportunity of a lifetime." --The New York Times "As good an analysis as you could wish to read." --The Financial Times

From bestselling author and NYU Business School professor Scott Galloway comes a keenly insightful, urgent analysis of who stands to win and who's at risk to lose in a post-pandemic world. The COVID-19 outbreak has turned bedrooms into offices, pitted young against old, and widened the gaps between rich and poor, red and blue, the mask wearers and the mask haters. Some businesses--like home exercise company Peloton, video conference software maker Zoom, and Amazon--woke up to find themselves crushed under an avalanche of consumer demand. Others--like the restaurant, travel, hospitality, and live entertainment industries--scrambled to escape obliteration. But as New York Times bestselling author Scott Galloway argues, the pandemic has not been a change agent so much as an accelerant of trends already well underway. In *Post Corona*, he outlines the contours of the crisis and the opportunities that lie ahead. Some businesses, like the powerful tech monopolies, will thrive as a result of the disruption. Other industries, like higher education, will struggle to maintain a value proposition that no longer makes sense when we can't stand shoulder to shoulder. And the pandemic has accelerated deeper trends in government and society, exposing a widening gap between our vision of America as a land of opportunity, and the troubling realities of our declining wellbeing. Combining his signature humor and brash style with sharp business insights and the occasional dose of righteous anger, Galloway offers both warning and hope in equal measure. As he writes, "Our commonwealth didn't just happen, it was shaped. We chose this path--no trend is permanent and can't be made worse or corrected."

How organizations--including Google, StubHub, Airbnb, and Facebook--learn from experiments in a data-driven world. Have you logged into Facebook recently? Searched for something on Google? Chosen a movie on Netflix? If so, you've probably been an unwitting participant in a variety of experiments--also known as randomized controlled trials--designed to test the impact of different online experiences. Once an esoteric tool for academic research, the randomized controlled trial has gone mainstream. No tech company worth its salt (or its share price) would dare make major changes to its platform without first running experiments to understand how they would influence user behavior. In this book, Michael Luca and Max Bazerman explain the importance of experiments for decision making in a data-driven world.

A year of HBR's essential thinking on tech--all in one place. From the latest

applications of AI to blockchain-enabled business models to 5G networks, the most important technological innovations of the past year are reshaping the present and future of business. What should you and your company be doing now to take advantage of the new opportunities they are creating? *The Year in Tech, 2021: The Insights You Need from Harvard Business Review* will help you understand today's most essential thinking on these topics, what the latest tech innovations mean for your organization, and how you can use them to compete and win in the new landscape of business. Business is changing. Will you adapt or be left behind? Get up to speed and deepen your understanding of the topics that are shaping your company's future with the *Insights You Need from Harvard Business Review* series. Featuring HBR's smartest thinking on fast-moving issues--blockchain, cybersecurity, AI, and more--each book provides the foundational introduction and practical case studies your organization needs to compete today and collects the best research, interviews, and analysis to get it ready for tomorrow. You can't afford to ignore how these issues will transform the landscape of business and society. The *Insights You Need* series will help you grasp these critical ideas--and prepare you and your company for the future. Discover THE next big competitive advantage in business: learn how augmented and virtual reality can put your business ahead. Augmented reality (AR) and virtual reality (VR) are part of a new wave of immersive technologies that offer huge opportunities for businesses, across industries and regardless of their size. Most people think of AR or VR as a new development in video gaming like Pokémon GO, or an expensive marketing campaign by the Nikes of the world. The truth is, businesses of any size can put these new technologies to immediate use in areas that include: - Learning and development - Remote collaboration and assistance - Visualization of remote assets and environments - Sales and marketing - Consumer behaviour research *Reality Check* dispels the common misconceptions of AR and VR, such as them being too expensive or not easily scalable, and details how business leaders can integrate them into their business to deliver more efficient, impactful and cost-effective business solutions. The up and coming voice of AR and VR for businesses, Jeremy Dalton, uses case studies from organizations all over the world including Cisco, Ford, GlaxoSmithKline, La Liga and Vodafone to showcase the practical uses of immersive technologies. *Reality Check* makes cutting-edge technology accessible and grounds them into the everyday workings of normal businesses. It is your one-stop non-technical guide to incredibly exciting new technologies that will deliver results.

They are Microserfs—six code-crunching computer whizzes who spend upward of sixteen hours a day "coding" and eating "flat" foods (food which, like Kraft singles, can be passed underneath closed doors) as they fearfully scan company e-mail to learn whether the great Bill is going to "flame" one of them. But now there's a chance to become innovators instead of cogs in the gargantuan Microsoft machine. The intrepid Microserfs are striking out on their own—living

together in a shared digital flophouse as they desperately try to cultivate well-rounded lives and find love amid the dislocated, subhuman whir and buzz of their computer-driven world.

The instant New York Times bestseller! A Wall Street Journal Best Science Book of the Year! A Popular Science Best Science Book of the Year! From a top scientist and the creator of the hugely popular web comic Saturday Morning Breakfast Cereal, a hilariously illustrated investigation into future technologies -- from how to fling a ship into deep space on the cheap to 3D organ printing What will the world of tomorrow be like? How does progress happen? And why do we not have a lunar colony already? What is the hold-up? In this smart and funny book, celebrated cartoonist Zach Weinersmith and noted researcher Dr. Kelly Weinersmith give us a snapshot of what's coming next -- from robot swarms to nuclear fusion powered-toasters. By weaving their own research, interviews with the scientists who are making these advances happen, and Zach's trademark comics, the Weinersmiths investigate why these technologies are needed, how they would work, and what is standing in their way. New technologies are almost never the work of isolated geniuses with a neat idea. A given future technology may need any number of intermediate technologies to develop first, and many of these critical advances may appear to be irrelevant when they are first discovered. The journey to progress is full of strange detours and blind alleys that tell us so much about the human mind and the march of civilization. To this end, Soonish investigates ten different emerging fields, from programmable matter to augmented reality, from space elevators to robotic construction, to show us the amazing world we will have, you know, soonish. Soonish is the perfect gift for science lovers for the holidays!

A NEW YORK TIMES BESTSELLER. ONE OF THE NEW YORK TIMES'S 10 BEST BOOKS OF 2020. Named one of the Best Books of 2020 by The Washington Post, NPR, the Los Angeles Times, ELLE, Esquire, Parade, Teen Vogue, The Times (UK), Fortune, Glamour, Town & Country, Apartment Therapy, Good Housekeeping, Electric Literature, Self, The Week (UK) and BookPage. One of Amazon's Best 100 Books of 2020. A New York Times Book Review Editors' Choice and a January 2020 IndieNext Pick. "A definitive document of a world in transition: I won't be alone in returning to it for clarity and consolation for many years to come." --Jia Tolentino, author of Trick Mirror: Reflections on Self-Delusion The prescient, page-turning account of a journey in Silicon Valley: a defining memoir of our digital age In her mid-twenties, at the height of tech industry idealism, Anna Wiener—stuck, broke, and looking for meaning in her work, like any good millennial--left a job in book publishing for the promise of the new digital economy. She moved from New York to San Francisco, where she landed at a big-data startup in the heart of the Silicon Valley bubble: a world of surreal extravagance, dubious success, and fresh-faced entrepreneurs hell-bent on domination, glory, and, of course, progress. Anna arrived amidst a massive cultural shift, as the tech industry rapidly transformed into a locus of wealth and

power rivaling Wall Street. But amid the company ski vacations and in-office speakeasies, boyish camaraderie and ride-or-die corporate fealty, a new Silicon Valley began to emerge: one in far over its head, one that enriched itself at the expense of the idyllic future it claimed to be building. Part coming-of-age-story, part portrait of an already-bygone era, Anna Wiener's memoir is a rare first-person glimpse into high-flying, reckless startup culture at a time of unchecked ambition, unregulated surveillance, wild fortune, and accelerating political power. With wit, candor, and heart, Anna deftly charts the tech industry's shift from self-appointed world savior to democracy-endangering liability, alongside a personal narrative of aspiration, ambivalence, and disillusionment. Unsparing and incisive, *Uncanny Valley* is a cautionary tale, and a revelatory interrogation of a world reckoning with consequences its unwitting designers are only beginning to understand.

Practical advice for redesigning "big, old" companies for digital success, with examples from Amazon, BNY Mellon, LEGO, Philips, USAA, and many other global organizations. Most established companies have deployed such digital technologies as the cloud, mobile apps, the internet of things, and artificial intelligence. But few established companies are designed for digital. This book offers an essential guide for retooling organizations for digital success. In the digital economy, rapid pace of change in technology capabilities and customer desires means that business strategy must be fluid. As a result, the authors explain, business design has become a critical management responsibility. Effective business design enables a company to quickly pivot in response to new competitive threats and opportunities. Most leaders today, however, rely on organizational structure to implement strategy, unaware that structure inhibits, rather than enables, agility. In companies that are designed for digital, people, processes, data, and technology are synchronized to identify and deliver innovative customer solutions--and redefine strategy. Digital design, not strategy, is what separates winners from losers in the digital economy. *Designed for Digital* offers practical advice on digital transformation, with examples that include Amazon, BNY Mellon, DBS Bank, LEGO, Philips, Schneider Electric, USAA, and many other global organizations. Drawing on five years of research and in-depth case studies, the book is an essential guide for companies that want to disrupt rather than be disrupted in the new digital landscape.

How the history of technological revolutions can help us better understand economic and political polarization in the age of automation *The Technology Trap* is a sweeping account of the history of technological progress and how it has radically shifted the distribution of economic and political power among society's members. As Carl Benedikt Frey shows, the Industrial Revolution created unprecedented wealth and prosperity over the long run, but the immediate consequences of mechanization were devastating. Middle-income jobs withered, wages stagnated, the labor share of income fell, profits surged, and economic inequality skyrocketed. These trends broadly mirror those in our current age of

automation. But, just as the Industrial Revolution eventually brought about extraordinary benefits for society, artificial intelligence systems have the potential to do the same. The Technology Trap demonstrates that in the midst of another technological revolution, the lessons of the past can help us to more effectively face the present.

“A powerful illustration of the obstacles our society continues to throw up in the paths of ambitious young women.” —The New York Times Book Review
“Important . . . empowering.” —Gayle King, CBS This Morning “That [Fowler] became a whistle-blower and a pioneer of a social movement almost seems inevitable once you get to know her. Uber should have seen her coming.” —San Francisco Chronicle Named a Best Book of 2020 by NPR

Susan Fowler was just twenty-five years old when her blog post describing the sexual harassment and retaliation she'd experienced at Uber riveted the nation. Her post would eventually lead to the ousting of Uber's powerful CEO, but its ripples extended far beyond that, as her courageous choice to attach her name to the post inspired other women to speak publicly about their experiences. In the year that followed, an unprecedented number of women came forward, and Fowler was recognized by Time as one of the "Silence Breakers" who ignited the #MeToo movement. Here, she shares her full story: a story of extraordinary determination and resilience that reveals what it takes--and what it means--to be a whistleblower. Long before she arrived at Uber, Fowler's life had been defined by her refusal to accept her circumstances. She propelled herself from an impoverished childhood with little formal education to the Ivy League, and then to a coveted position at one of the most valuable companies in the history of Silicon Valley. Each time she was mistreated, she fought back or found a way to reinvent herself; all she wanted was the opportunity to define her own dreams and work to achieve them. But when she discovered Uber's pervasive culture of sexism, racism, harassment, and abuse, and that the company would do nothing about it, she knew she had to speak out—no matter what it cost her. Whistleblower takes us deep inside this shockingly toxic workplace and reveals new details about the aftermath of the blog post, in which Fowler was investigated and followed, hacked and threatened, to the point that she feared for her life. But even as it illuminates how the deck is stacked in favor of the status quo, Fowler's story serves as a crucial reminder that we can take our power back. Both moving personal narrative and rallying cry, Whistleblower urges us to be the heroes of our own stories, and to keep fighting for a more just and equitable world. Most histories of the personal computer industry focus on technology or business. John Markoff's landmark book is about the culture and consciousness behind the first PCs—the culture being counter- and the consciousness expanded, sometimes chemically. It's a brilliant evocation of Stanford, California, in the 1960s and '70s, where a group of visionaries set out to turn computers into a means for freeing minds and information. In these pages one encounters Ken Kesey and the phone hacker Cap'n Crunch, est and LSD, The Whole Earth

Catalog and the Homebrew Computer Lab. What the Dormouse Said is a poignant, funny, and inspiring book by one of the smartest technology writers around.

Companies that don't use AI to their advantage will soon be left behind. Artificial intelligence and machine learning will drive a massive reshaping of the economy and society. What should you and your company be doing right now to ensure that your business is poised for success? These articles by AI experts and consultants will help you understand today's essential thinking on what AI is capable of now, how to adopt it in your organization, and how the technology is likely to evolve in the near future. Artificial Intelligence: The Insights You Need from Harvard Business Review will help you spearhead important conversations, get going on the right AI initiatives for your company, and capitalize on the opportunity of the machine intelligence revolution. Catch up on current topics and deepen your understanding of them with the Insights You Need series from Harvard Business Review. Featuring some of HBR's best and most recent thinking, Insights You Need titles are both a primer on today's most pressing issues and an extension of the conversation, with interesting research, interviews, case studies, and practical ideas to help you explore how a particular issue will impact your company and what it will mean for you and your business. A call-to-arms about the broken nature of artificial intelligence, and the powerful corporations that are turning the human-machine relationship on its head. We like to think that we are in control of the future of "artificial" intelligence. The reality, though, is that we--the everyday people whose data powers AI--aren't actually in control of anything. When, for example, we speak with Alexa, we contribute that data to a system we can't see and have no input into--one largely free from regulation or oversight. The big nine corporations--Amazon, Google, Facebook, Tencent, Baidu, Alibaba, Microsoft, IBM and Apple--are the new gods of AI and are short-changing our futures to reap immediate financial gain. In this book, Amy Webb reveals the pervasive, invisible ways in which the foundations of AI--the people working on the system, their motivations, the technology itself--is broken. Within our lifetimes, AI will, by design, begin to behave unpredictably, thinking and acting in ways which defy human logic. The big nine corporations may be inadvertently building and enabling vast arrays of intelligent systems that don't share our motivations, desires, or hopes for the future of humanity. Much more than a passionate, human-centered call-to-arms, this book delivers a strategy for changing course, and provides a path for liberating us from algorithmic decision-makers and powerful corporations.

The next generation of robots will be truly social, but can we make sure that they play well in the sandbox? Most robots are just tools. They do limited sets of tasks subject to constant human control. But a new type of robot is coming. These machines will operate on their own in busy, unpredictable public spaces. They'll ferry deliveries, manage emergency rooms, even grocery shop. Such systems could be truly collaborative, accomplishing tasks we don't do well without our

having to stop and direct them. This makes them social entities, so, as robot designers Laura Major and Julie Shah argue, whether they make our lives better or worse is a matter of whether they know how to behave. *What to Expect When You're Expecting Robots* offers a vision for how robots can survive in the real world and how they will change our relationship to technology. From teaching them manners, to robot-proofing public spaces, to planning for their mistakes, this book answers every question you didn't know you needed to ask about the robots on the way.

Instant National Bestseller "Excellent." --San Francisco Chronicle "Brotopia is more than a business book. Silicon Valley holds extraordinary power over our present lives as well as whatever utopia (or nightmare) might come next." --New York Times Silicon Valley is a modern utopia where anyone can change the world. Unless you're a woman. For women in tech, Silicon Valley is not a fantasyland of unicorns, virtual reality rainbows, and 3D-printed lollipops, where millions of dollars grow on trees. It's a "Brotopia," where men hold all the cards and make all the rules. Vastly outnumbered, women face toxic workplaces rife with discrimination and sexual harassment, where investors take meetings in hot tubs and network at sex parties. In this powerful exposé, Bloomberg TV journalist Emily Chang reveals how Silicon Valley got so sexist despite its utopian ideals, why bro culture endures despite decades of companies claiming the moral high ground (Don't Be Evil! Connect the World!)--and how women are finally starting to speak out and fight back. Drawing on her deep network of Silicon Valley insiders, Chang opens the boardroom doors of male-dominated venture capital firms like Kleiner Perkins, the subject of Ellen Pao's high-profile gender discrimination lawsuit, and Sequoia, where a partner once famously said they "won't lower their standards" just to hire women. Interviews with Facebook COO Sheryl Sandberg, YouTube CEO Susan Wojcicki, and former Yahoo! CEO Marissa Mayer--who got their start at Google, where just one in five engineers is a woman--reveal just how hard it is to crack the Silicon Ceiling. And Chang shows how women such as former Uber engineer Susan Fowler, entrepreneur Niniane Wang, and game developer Brianna Wu, have risked their careers and sometimes their lives to pave a way for other women. Silicon Valley's aggressive, misogynistic, work-at-all costs culture has shut women out of the greatest wealth creation in the history of the world. It's time to break up the boys' club. Emily Chang shows us how to fix this toxic culture--to bring down Brotopia, once and for all.

This book "isn't about the famous tech trailblazers you already know, like Sheryl Sandberg and Marissa Mayer. Instead, veteran journalists Heather Cabot and Samantha Walravens introduce readers to the ... female entrepreneurs and technologists fighting at the grassroots level for an ownership stake in the revolution that's changing the way we live, work and connect to each other"--Amazon.com.

Popsicles, potato chips, Silly Putty, Velcro, and many other familiar things have fascinating stories behind them. In fact, dozens of products and everyday items had surprisingly

haphazard beginnings. *Mistakes That Worked* offers forty of these unusual tales, along with hilarious cartoons and weird and amazing facts. Readers will be surprised and inspired! “Jam packed with insights from women in the field,” this is an invaluable career guide for the aspiring or experienced female tech professional (*Forbes*) As the CEO of a startup, Tarah Wheeler is all too familiar with the challenges female tech professionals face on a daily basis. That’s why she’s teamed up with other high-achieving women within the field—from entrepreneurs and analysts to elite hackers and gamers—to provide a roadmap for women looking to jump-start, or further develop, their tech career. In an effort to dismantle the unconscious social bias against women in the industry, Wheeler interviews professionals like Brianna Wu (founder, Giant Spacekat), Angie Chang (founder, Women 2.0), Keren Elazari (TED speaker and cybersecurity expert), Katie Cunningham (Python educator and developer), and Miah Johnson (senior systems administrator) about the obstacles they have overcome to do what they love. Their inspiring personal stories are interspersed with tech-focused career advice. Readers will learn:

- The secrets of salary negotiation
- The best format for tech resumes
- How to ace a tech interview
- The perks of both contracting (W-9) and salaried full-time work
- The secrets of mentorship
- How to start your own company
- And much more

BONUS CONTENT: Perfect for its audience of hackers and coders, *Women in Tech* also contains puzzles and codes throughout—created by Mike Selinker (Lone Shark Games), Gabby Weidling (Lone Shark Games), and cryptographer Ryan “LostboY” Clarke—that are love letters to women in the industry. A distinguished anonymous contributor created the Python code for the cover of the book, which references the mother of computer science, Ada Lovelace. Run the code to see what it does!

From the author of the New York Times bestseller *The Inevitable*— a sweeping vision of technology as a living force that can expand our individual potential In this provocative book, one of today’s most respected thinkers turns the conversation about technology on its head by viewing technology as a natural system, an extension of biological evolution. By mapping the behavior of life, we paradoxically get a glimpse at where technology is headed-or “what it wants.” Kevin Kelly offers a dozen trajectories in the coming decades for this near-living system. And as we align ourselves with technology’s agenda, we can capture its colossal potential. This visionary and optimistic book explores how technology gives our lives greater meaning and is a must-read for anyone curious about the future.

Peopled by larger-than-life heroes and villains, charged with towering questions of good and evil, *Atlas Shrugged* is Ayn Rand’s magnum opus: a philosophical revolution told in the form of an action thriller—nominated as one of America’s best-loved novels by PBS’s *The Great American Read*. Who is John Galt? When he says that he will stop the motor of the world, is he a destroyer or a liberator? Why does he have to fight his battles not against his enemies but against those who need him most? Why does he fight his hardest battle against the woman he loves? You will know the answer to these questions when you discover the reason behind the baffling events that play havoc with the lives of the amazing men and women in this book. You will discover why a productive genius becomes a worthless playboy...why a great steel industrialist is working for his own destruction...why a composer gives up his career on the night of his triumph...why a beautiful woman who runs a transcontinental railroad falls in love with the man she has sworn to kill. *Atlas Shrugged*, a modern classic and Rand’s most extensive statement of Objectivism—her groundbreaking philosophy—offers the reader the spectacle of human greatness, depicted with all the poetry and power of one of the twentieth century’s leading artists.

Named one of the best books of the year by NPR, *Fortune*, *Bloomberg*, *Sunday Times* A New York Times Book Review Editor’s Choice “If you want to understand modern-day Silicon Valley, you need to read this book.” —John Carreyrou, New York Times best-selling author of *Bad Blood* Hailed as the definitive book on Uber and Silicon Valley, *Super Pumped* is an epic

story of ambition and deception, obscene wealth, and bad behavior that explores how blistering technological and financial innovation culminated in one of the most catastrophic twelve-month periods in American corporate history. Backed by billions in venture capital dollars and led by a brash and ambitious founder, Uber promised to revolutionize the way we move people and goods through the world. What followed would become a corporate cautionary tale about the perils of startup culture and a vivid example of how blind worship of startup founders can go wildly wrong.

From the New York Times bestselling authors of *Abundance* and *Bold* comes a practical playbook for technological convergence in our modern era. In their book *Abundance*, bestselling authors and futurists Peter Diamandis and Steven Kotler tackled grand global challenges, such as poverty, hunger, and energy. Then, in *Bold*, they chronicled the use of exponential technologies that allowed the emergence of powerful new entrepreneurs. Now the bestselling authors are back with *The Future Is Faster Than You Think*, a blueprint for how our world will change in response to the next ten years of rapid technological disruption. Technology is accelerating far more quickly than anyone could have imagined. During the next decade, we will experience more upheaval and create more wealth than we have in the past hundred years. In this gripping and insightful roadmap to our near future, Diamandis and Kotler investigate how wave after wave of exponentially accelerating technologies will impact both our daily lives and society as a whole. What happens as AI, robotics, virtual reality, digital biology, and sensors crash into 3D printing, blockchain, and global gigabit networks? How will these convergences transform today's legacy industries? What will happen to the way we raise our kids, govern our nations, and care for our planet? Diamandis, a space-entrepreneur-turned-innovation-pioneer, and Kotler, bestselling author and peak performance expert, probe the science of technological convergence and how it will reinvent every part of our lives—transportation, retail, advertising, education, health, entertainment, food, and finance—taking humanity into uncharted territories and reimagining the world as we know it. As indispensable as it is gripping, *The Future Is Faster Than You Think* provides a prescient look at our impending future.

"This is a terrific book" - Kara Swisher An acclaimed tech reporter reveals the inner workings of Amazon, Facebook, Google, Apple, and Microsoft, showing how to compete with the tech titans using their own playbook. At Amazon, "Day One" is code for inventing like a startup, with little regard for legacy. Day Two is, in Jeff Bezos's own words, "stasis, followed by irrelevance, followed by excruciating, painful decline, followed by death." Most companies today are set up for Day Two. They build advantages and defend them fiercely, rather than invent the future. But Amazon and fellow tech titans Facebook, Google, and Microsoft are operating in Day One: they prioritize reinvention over tradition and collaboration over ownership. Through 130 interviews with insiders, from Mark Zuckerberg to hourly workers, *Always Day One* reveals the tech giants' blueprint for sustainable success in a business world where no advantage is safe. Companies today can spin up new products at record speed -- thanks to artificial intelligence and cloud computing -- and those who stand still will be picked apart. The tech giants remain dominant because they've built cultures that spark continual reinvention. It might sound radical, but those who don't act like it's always day one do so at their own peril. Kantrowitz uncovers the engine propelling the tech giants' continued dominance at a stage when most big companies begin to decline. And he shows the way forward for everyone who wants to compete with--and beat--the titans.

Becoming an effective IT manager presents a host of challenges--from anticipating emerging technology to managing relationships with vendors, employees, and other managers. A good IT manager must also be a strong business leader. This book invites you to accompany new CIO Jim Barton to better understand the role of IT in your organization. You'll see Jim struggle through a challenging first year, handling (and fumbling) situations that, although fictional, are

based on true events. You can read this book from beginning to end, or treat it as a series of cases. You can also skip around to address your most pressing needs. For example, need to learn about crisis management and security? Read chapters 10-12. You can formulate your own responses to a CIO's obstacles by reading the authors' regular "Reflection" questions. You'll turn to this book many times as you face IT-related issues in your own career.

One of New York Magazine's best books on Silicon Valley! The true, behind-the-scenes history of the people who built Silicon Valley and shaped Big Tech in America. Long before Margaret O'Mara became one of our most consequential historians of the American-led digital revolution, she worked in the White House of Bill Clinton and Al Gore in the earliest days of the commercial Internet. There she saw firsthand how deeply intertwined Silicon Valley was with the federal government--and always had been--and how shallow the common understanding of the secrets of the Valley's success actually was. Now, after almost five years of pioneering research, O'Mara has produced the definitive history of Silicon Valley for our time, the story of mavericks and visionaries, but also of powerful institutions creating the framework for innovation, from the Pentagon to Stanford University. It is also a story of a community that started off remarkably homogeneous and tight-knit and stayed that way, and whose belief in its own mythology has deepened into a collective hubris that has led to astonishing triumphs as well as devastating second-order effects. Deploying a wonderfully rich and diverse cast of protagonists, from the justly famous to the unjustly obscure, across four generations of explosive growth in the Valley, from the forties to the present, O'Mara has wrestled one of the most fateful developments in modern American history into magnificent narrative form. She is on the ground with all of the key tech companies, chronicling the evolution in their offerings through each successive era, and she has a profound fingertip feel for the politics of the sector and its relation to the larger cultural narrative about tech as it has evolved over the years. Perhaps most impressive, O'Mara has penetrated the inner kingdom of tech venture capital firms, the insular and still remarkably old-boy world that became the cockpit of American capitalism and the crucible for bringing technological innovation to market, or not. The transformation of big tech into the engine room of the American economy and the nexus of so many of our hopes and dreams--and, increasingly, our nightmares--can be understood, in Margaret O'Mara's masterful hands, as the story of one California valley. As her majestic history makes clear, its fate is the fate of us all.

The never-more-necessary return of one of our most vital and eloquent voices on technology and culture, the author of the seminal *Close to the Machine*. The last twenty years have brought us the rise of the internet, the development of artificial intelligence, the ubiquity of once unimaginably powerful computers, and the thorough transformation of our economy and society. Through it all, Ellen Ullman lived and worked inside that rising culture of technology, and in *Life in Code* she tells the continuing story of the changes it wrought with a unique, expert perspective. When Ellen Ullman moved to San Francisco in the early 1970s and went on to become a computer programmer, she was joining a small, idealistic, and almost exclusively male cadre that aspired to genuinely change the world. In 1997 Ullman wrote *Close to the Machine*, the now classic and still definitive account of life as a coder at the birth of what would be a sweeping technological, cultural, and financial revolution. Twenty years later, the story Ullman recounts is neither one of unbridled triumph nor a nostalgic denial of progress. It is

necessarily the story of digital technology's loss of innocence as it entered the cultural mainstream, and it is a personal reckoning with all that has changed, and so much that hasn't. *Life in Code* is an essential text toward our understanding of the last twenty years—and the next twenty.

Former insider turned critic Wendy Liu busts the myths of the tech industry, and offers a galvanising argument for why and how we must reclaim technology's potential for the public good. Former insider turned critic Wendy Liu busts the myths of the tech industry, and offers a galvanising argument for why and how we must reclaim technology's potential for the public good. "Lucid, probing and urgent. Wendy Liu manages to be both optimistic about the emancipatory potential of tech and scathing about the industry that has harnessed it for bleak and self-serving ends." -- Naomi Klein, author of *On Fire: The Burning Case for a Green New Deal* "An inspiring memoir manifesto...Technologists all over the world are realizing that no amount of code can substitute for political engagement. Liu's memoir is a road map for that journey of realization." -- Cory Doctorow, author of *Radicalized* and *Little Brother* *Innovation*. Meritocracy. The possibility of overnight success. What's not to love about Silicon Valley? These days, it's hard to be unambiguously optimistic about the growth-at-all-costs ethos of the tech industry. Public opinion is souring in the wake of revelations about Cambridge Analytica, Theranos, and the workplace conditions of Amazon workers or Uber drivers. It's becoming clear that the tech industry's promised "innovation" is neither sustainable nor always desirable. *Abolish Silicon Valley* is both a heartfelt personal story about the wasteful inequality of Silicon Valley, and a rallying call to engage in the radical politics needed to upend the status quo. Going beyond the idiosyncrasies of the individual founders and companies that characterise the industry today, Wendy Liu delves into the structural factors of the economy that gave rise to Silicon Valley as we know it. Ultimately, she proposes a more radical way of developing technology, where innovation is conducted for the benefit of society at large, and not just to enrich a select few.

INSIDE APPLE reveals the secret systems, tactics and leadership strategies that allowed Steve Jobs and his company to churn out hit after hit and inspire a cult-like following for its products. If Apple is Silicon Valley's answer to Willy Wonka's Chocolate Factory, then author Adam Lashinsky provides readers with a golden ticket to step inside. In this primer on leadership and innovation, the author will introduce readers to concepts like the "DRI" (Apple's practice of assigning a Directly Responsible Individual to every task) and the Top 100 (an annual ritual in which 100 up-and-coming executives are tapped a la *Skull & Bones* for a secret retreat with company founder Steve Jobs). Based on numerous interviews, the book offers exclusive new information about how Apple innovates, deals with its suppliers and is handling the transition into the Post Jobs Era. Lashinsky, a Senior Editor at Large for *Fortune*, knows the subject cold: In a 2008 cover story for the magazine entitled *The Genius Behind Steve: Could Operations Whiz Tim Cook Run The Company Someday* he predicted that Tim Cook, then an unknown, would eventually succeed Steve Jobs as CEO. While *Inside Apple* is ostensibly a deep dive into one, unique company (and its ecosystem of suppliers, investors, employees and competitors), the lessons about Jobs, leadership, product design and marketing are universal. They should appeal to anyone hoping to bring some of that Apple magic to their own company, career, or creative endeavor.

“An entertaining romp that tells us where and why the tech industry, once America’s darling, went wrong, and what it might do to recover its good graces.” —Tim Wu, author of *The Master Switch* Buying groceries, tracking our health, finding a date: whatever we want to do, odds are that we can now do it online. But few of us realize just how many oversights, biases, and downright ethical nightmares are baked inside the tech products we use every day. It’s time we change that. In *Technically Wrong*, Sara Wachter-Boettcher demystifies the tech industry, leaving those of us on the other side of the screen better prepared to make informed choices about the services we use—and to demand more from the companies behind them. A *Wired* Top Tech Book of the Year A *Fast Company* Best Business and Leadership Book of the Year Sixth-grader Emmy tries to find her place in a new school and to figure out how she can create her own kind of music using a computer.

"This is a Borzoi book published by Alfred A. Knopf."

** A New York Times Bestseller ** NAMED ONE OF THE BEST BOOKS OF THE YEAR BY: Time • The New Yorker • NPR • GQ • Elle • Vulture • Fortune • Boing Boing • The Irish Times • The New York Public Library • The Brooklyn Public Library

"A complex, smart and ambitious book that at first reads like a self-help manual, then blossoms into a wide-ranging political manifesto."—Jonah Engel Bromwich, *The New York Times* Book Review One of President Barack Obama's "Favorite Books of 2019" Porchlight's Personal Development & Human Behavior Book of the Year In a world where addictive technology is designed to buy and sell our attention, and our value is determined by our 24/7 data productivity, it can seem impossible to escape. But in this inspiring field guide to dropping out of the attention economy, artist and critic Jenny Odell shows us how we can still win back our lives. Odell sees our attention as the most precious—and overdrawn—resource we have. And we must actively and continuously choose how we use it. We might not spend it on things that capitalism has deemed important ... but once we can start paying a new kind of attention, she writes, we can undertake bolder forms of political action, reimagine humankind’s role in the environment, and arrive at more meaningful understandings of happiness and progress. Far from the simple anti-technology screed, or the back-to-nature meditation we read so often, *How to do Nothing* is an action plan for thinking outside of capitalist narratives of efficiency and techno-determinism. Provocative, timely, and utterly persuasive, this book will change how you see your place in our world.

How do today’s most successful tech companies—Amazon, Google, Facebook, Netflix, Tesla—design, develop, and deploy the products that have earned the love of literally billions of people around the world? Perhaps surprisingly, they do it very differently than the vast majority of tech companies. In *INSPIRED*, technology product management thought leader Marty Cagan provides readers with a master class in how to structure and staff a vibrant and successful product organization, and how to discover and deliver technology products that your customers will love—and that will work for your business. With sections on assembling the right people and skillsets, discovering the right product, embracing an effective yet lightweight process, and creating a strong product culture, readers can take the information they learn and immediately leverage it within their own organizations—dramatically improving their own product efforts.

Whether you're an early stage startup working to get to product/market fit, or a growth-stage company working to scale your product organization, or a large, long-established company trying to regain your ability to consistently deliver new value for your customers, *INSPIRED* will take you and your product organization to a new level of customer engagement, consistent innovation, and business success. Filled with the author's own personal stories—and profiles of some of today's most-successful product managers and technology-powered product companies, including Adobe, Apple, BBC, Google, Microsoft, and Netflix—*INSPIRED* will show you how to turn up the dial of your own product efforts, creating technology products your customers love. The first edition of *INSPIRED*, published ten years ago, established itself as the primary reference for technology product managers, and can be found on the shelves of nearly every successful technology product company worldwide. This thoroughly updated second edition shares the same objective of being the most valuable resource for technology product managers, yet it is completely new—sharing the latest practices and techniques of today's most-successful tech product companies, and the men and women behind every great product.

The authors document how four forces--exponential technologies, the DIY innovator, the Technophilanthropist, and the Rising Billion--are conspiring to solve our biggest problems. "Abundance" establishes hard targets for change and lays out a strategic roadmap for governments, industry and entrepreneurs, giving us plenty of reason for optimism.

Henry Petroski traces the origins of the pencil back to ancient Greece and Rome, writes factually and charmingly about its development over the centuries and around the world, and shows what the pencil can teach us about engineering and technology today.

The Technology Trap
Capital, Labor, and Power in the Age of Automation
Princeton University Press

One of the Best Technology Books of 2020—Financial Times “Levy’s all-access Facebook reflects the reputational swan dive of its subject. . . . The result is evenhanded and devastating.”—San Francisco Chronicle “[Levy’s] evenhanded conclusions are still damning.”—Reason “[He] doesn’t shy from asking the tough questions.”—The Washington Post “Reminds you the HBO show Silicon Valley did not have to reach far for its satire.”—NPR.org The definitive history, packed with untold stories, of one of America’s most controversial and powerful companies: Facebook As a college sophomore, Mark Zuckerberg created a simple website to serve as a campus social network. Today, Facebook is nearly unrecognizable from its first, modest iteration. In light of recent controversies surrounding election-influencing “fake news” accounts, the handling of its users’ personal data, and growing discontent with the actions of its founder and CEO—who has enormous power over what the world sees and says—never has a company been more central to the national conversation. Millions of words have been written about Facebook, but no one has told the complete story,

documenting its ascendancy and missteps. There is no denying the power and omnipresence of Facebook in American daily life, or the imperative of this book to document the unchecked power and shocking techniques of the company, from growing at all costs to outmaneuvering its biggest rivals to acquire WhatsApp and Instagram, to developing a platform so addictive even some of its own are now beginning to realize its dangers. Based on hundreds of interviews from inside and outside Facebook, Levy's sweeping narrative of incredible entrepreneurial success and failure digs deep into the whole story of the company that has changed the world and reaped the consequences.

From the bestselling author of *The Dark Net* comes a book that explains all the dangers of the digital revolution and offers concrete solutions on how we can protect our personal privacy, and democracy itself. The internet was meant to set us free. But have we unwittingly handed too much away to shadowy powers behind a wall of code, all manipulated by a handful of Silicon Valley utopians, ad men, and venture capitalists? And, in light of recent data breach scandals around companies like Facebook and Cambridge Analytica, what does that mean for democracy, our delicately balanced system of government that was created long before big data, total information, and artificial intelligence? In this urgent polemic, Jamie Bartlett argues that through our unquestioning embrace of big tech, the building blocks of democracy are slowly being removed. The middle class is being eroded, sovereign authority and civil society is weakened, and we citizens are losing our critical faculties, maybe even our free will. *The People Vs Tech* is an enthralling account of how our fragile political system is being threatened by the digital revolution. Bartlett explains that by upholding six key pillars of democracy, we can save it before it is too late. We need to become active citizens, uphold a shared democratic culture, protect free elections, promote equality, safeguard competitive and civic freedoms, and trust in a sovereign authority. This essential book shows that the stakes couldn't be higher and that, unless we radically alter our course, democracy will join feudalism, supreme monarchies and communism as just another political experiment that quietly disappeared.

"New Dark Age is among the most unsettling and illuminating books I've read about the Internet, which is to say that it is among the most unsettling and illuminating books I've read about contemporary life." – *New Yorker* As the world around us increases in technological complexity, our understanding of it diminishes. Underlying this trend is a single idea: the belief that our existence is understandable through computation, and more data is enough to help us build a better world. In reality, we are lost in a sea of information, increasingly divided by fundamentalism, simplistic narratives, conspiracy theories, and post-factual politics. Meanwhile, those in power use our lack of understanding to further their own interests. Despite the apparent accessibility of information, we're living in a new Dark Age. From rogue financial systems to shopping algorithms, from artificial intelligence to state secrecy, we no longer understand how our world is

governed or presented to us. The media is filled with unverifiable speculation, much of it generated by anonymous software, while companies dominate their employees through surveillance and the threat of automation. In his brilliant new work, leading artist and writer James Bridle surveys the history of art, technology, and information systems, and reveals the dark clouds that gather over our dreams of the digital sublime.

Barely fifty years ago a computer was a gargantuan, vastly expensive thing that only a handful of scientists had ever seen. The world's brightest engineers were stymied in their quest to make these machines small and affordable until the solution finally came from two ingenious young Americans. Jack Kilby and Robert Noyce hit upon the stunning discovery that would make possible the silicon microchip, a work that would ultimately earn Kilby the Nobel Prize for physics in 2000. In this completely revised and updated edition of *The Chip*, T.R. Reid tells the gripping adventure story of their invention and of its growth into a global information industry. This is the story of how the digital age began.

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