Women Who Launched The Computer Age You Should Meet

Male Roles, Masculinities and ViolenceMisty CopelandHandbook of Obstetric Medicine, Fourth EditionMae JemisonAda's AlgorithmIT Service Management Foundation Practice QuestionsBad BloodWomen in EngineeringThe Birth of the Pill: How Four Crusaders Reinvented Sex and Launched a RevolutionDuke KahanamokuEmotional IntelligenceThe Man Who Solved the MarketEncyclopedia of American Women in Business: A-LSelf MadeWomen, Art, and TechnologyReaching for the MoonThe Miracle MorningWomen Who Launched the Computer AgeIntroduction to ProbabilityWomenThrough the FlowerEmpress Dowager CixiLadies Who PunchWomen Want MoreReflections of a ManHarriet TubmanIf Then: How the Simulmatics Corporation Invented the FutureAlgorithms of OppressionInvisible WomenStuck in the Shallow EndRise of the Rocket GirlsWomen and Business Since 1500Warrior WomenComputer Engineering: Concepts, Methodologies, Tools and ApplicationsReading the past, writing the futureThe Wisdom of CrowdsThe Internet of WomenHidden FiguresThe InnovatorsHidden Figures LP

Male Roles, Masculinities and Violence

Longlisted • National Book Award (Nonfiction) Best Books of 2020 • Financial Times Best Books of Fall 2020: O, The Oprah Magazine, The Observer, Boston.com Most Anticipated Books of Fall 2020: TIME A revelatory account of the Cold War origins of the data-mad, algorithmic twenty-first century, from the author of the acclaimed international bestseller These Truths. The Simulmatics Corporation, launched during the Cold War, mined data, targeted voters, manipulated consumers, destabilized politics, and disordered knowledge—decades before Facebook, Google, and Cambridge Analytica. Jill Lepore, best-selling author of These Truths, came across the company's papers in MIT's archives and set out to tell this forgotten history, the long-lost backstory to the methods, and the arrogance, of Silicon Valley. Founded in 1959 by some of the nation's leading social scientists—"the best and the brightest, fatally brilliant, Icaruses with wings of feathers and wax, flying to the sun"—Simulmatics proposed to predict and manipulate the future by way of the computer simulation of human behavior. In summers, with their wives and children in tow, the company's scientists met on the beach in Long Island under a geodesic, honeycombed dome, where they built a "People Machine" that aimed to model everything from buying a dishwasher to counterinsurgency to casting a vote. Deploying their "People Machine" from New York, Washington, Cambridge, and even Saigon, Simulmatics' clients included the John F. Kennedy presidential campaign, the New York Times, the Department of Defense, and dozens of major manufacturers: Simulmatics had a hand in everything from political races to the Vietnam War to the Johnson administration's

ill-fated attempt to predict race riots. The company's collapse was almost as rapid as its ascent, a collapse that involved failed marriages, a suspicious death, and bankruptcy. Exposed for false claims, and even accused of war crimes, it closed its doors in 1970 and all but vanished. Until Lepore came across the records of its remains. The scientists of Simulmatics believed they had invented "the A-bomb of the social sciences." They did not predict that it would take decades to detonate, like a long-buried grenade. But, in the early years of the twenty-first century, that bomb did detonate, creating a world in which corporations collect data and model behavior and target messages about the most ordinary of decisions, leaving people all over the world, long before the global pandemic, crushed by feelings of helplessness. This history has a past; If Then is its cautionary tale.

Misty Copeland

A Chicago Tribune "Best Books of 2014" • A Slate "Best Books 2014: Staff Picks" • A St. Louis Post-Dispatch "Best Books of 2014" The fascinating story of one of the most important scientific discoveries of the twentieth century. We know it simply as "the pill," yet its genesis was anything but simple. Jonathan Eig's masterful narrative revolves around four principal characters: the fiery feminist Margaret Sanger, who was a champion of birth control in her campaign for the rights of women but neglected her own children in pursuit of free love; the beautiful Katharine McCormick, who owed her fortune to her wealthy husband, the son of

the founder of International Harvester and a schizophrenic; the visionary scientist Gregory Pincus, who was dismissed by Harvard in the 1930s as a result of his experimentation with in vitro fertilization but who, after he was approached by Sanger and McCormick, grew obsessed with the idea of inventing a drug that could stop ovulation; and the telegenic John Rock, a Catholic doctor from Boston who battled his own church to become an enormously effective advocate in the effort to win public approval for the drug that would be marketed by Searle as Enovid. Spanning the years from Sanger's heady Greenwich Village days in the early twentieth century to trial tests in Puerto Rico in the 1950s to the cusp of the sexual revolution in the 1960s, this is a grand story of radical feminist politics, scientific ingenuity, establishment opposition, and, ultimately, a sea change in social attitudes. Brilliantly researched and briskly written, The Birth of the Pill is gripping social, cultural, and scientific history.

Handbook of Obstetric Medicine, Fourth Edition

"[Ada Lovelace], like Steve Jobs, stands at the intersection of arts and technology."—Walter Isaacson, author of The Innovators Over 150 years after her death, a widely-used scientific computer program was named "Ada," after Ada Lovelace, the only legitimate daughter of the eighteenth century's version of a rock star, Lord Byron. Why? Because, after computer pioneers such as Alan Turing began to rediscover her, it slowly became apparent that she had been a key but

overlooked figure in the invention of the computer. In Ada Lovelace, James Essinger makes the case that the computer age could have started two centuries ago if Lovelace's contemporaries had recognized her research and fully grasped its implications. It's a remarkable tale, starting with the outrageous behavior of her father, which made Ada instantly famous upon birth. Ada would go on to overcome numerous obstacles to obtain a level of education typically forbidden to women of her day. She would eventually join forces with Charles Babbage, generally credited with inventing the computer, although as Essinger makes clear, Babbage couldn't have done it without Lovelace. Indeed, Lovelace wrote what is today considered the world's first computer program—despite opposition that the principles of science were "beyond the strength of a woman's physical power of application." Based on ten years of research and filled with fascinating characters and observations of the period, not to mention numerous illustrations, Essinger tells Ada's fascinating story in unprecedented detail to absorbing and inspiring effect. From the Hardcover edition.

Mae Jemison

A New York Times Notable Book Empress Dowager Cixi (1835–1908) is the most important woman in Chinese history. She ruled China for decades and brought a medieval empire into the modern age. At the age of sixteen, in a nationwide selection for royal consorts, Cixi was chosen as one of the emperor's numerous

concubines. When he died in 1861, their five-year-old son succeeded to the throne. Cixi at once launched a palace coup against the regents appointed by her husband and made herself the real ruler of China—behind the throne, literally, with a silk screen separating her from her officials who were all male. In this groundbreaking biography, Jung Chang vividly describes how Cixi fought against monumental obstacles to change China. Under her the ancient country attained virtually all the attributes of a modern state: industries, railways, electricity, the telegraph and an army and navy with up-to-date weaponry. It was she who abolished gruesome punishments like "death by a thousand cuts" and put an end to foot-binding. She inaugurated women's liberation and embarked on the path to introduce parliamentary elections to China. Chang comprehensively overturns the conventional view of Cixi as a diehard conservative and cruel despot. Cixi reigned during extraordinary times and had to deal with a host of major national crises: the Taiping and Boxer rebellions, wars with France and Japan—and an invasion by eight allied powers including Britain, Germany, Russia and the United States. Jung Chang not only records the Empress Dowager's conduct of domestic and foreign affairs, but also takes the reader into the depths of her splendid Summer Palace and the harem of Beijing's Forbidden City, where she lived surrounded by eunuchs—one of whom she fell in love, with tragic consequences. The world Chang describes here, in fascinating detail, seems almost unbelievable in its extraordinary mixture of the very old and the very new. Based on newly available, mostly Chinese, historical documents such as court records, official and private

correspondence, diaries and eyewitness accounts, this biography will revolutionize historical thinking about a crucial period in China's—and the world's—history. Packed with drama, fast paced and gripping, it is both a panoramic depiction of the birth of modern China and an intimate portrait of a woman: as the concubine to a monarch, as the absolute ruler of a third of the world's population, and as a unique stateswoman.

Ada's Algorithm

Based on the New York Times bestselling book and the Academy Award–nominated movie, author Margot Lee Shetterly and Coretta Scott King Illustrator Honor Award winner Laura Freeman bring the incredibly inspiring true story of four black women who helped NASA launch men into space to picture book readers! Dorothy Vaughan, Mary Jackson, Katherine Johnson, and Christine Darden were good at math…really good. They participated in some of NASA's greatest successes, like providing the calculations for America's first journeys into space. And they did so during a time when being black and a woman limited what they could do. But they worked hard. They persisted. And they used their genius minds to change the world. In this beautifully illustrated picture book edition, we explore the story of four female African American mathematicians at NASA, known as "colored computers," and how they overcame gender and racial barriers to succeed in a highly challenging STEM-based career. "Finally, the extraordinary lives of four

African American women who helped NASA put the first men in space is available for picture book readers," proclaims Brightly in their article "18 Must-Read Picture Books of 2018." "Will inspire girls and boys alike to love math, believe in themselves, and reach for the stars." This nonfiction picture book is an excellent choice to share in the classroom or for homeschooling.

IT Service Management Foundation Practice Questions

Aucune information saisie

Bad Blood

#1 BESTSELLER • The groundbreaking book that redefines what it means to be smart, with a new introduction by the author "A thoughtfully written, persuasive account explaining emotional intelligence and why it can be crucial."—USA Today Everyone knows that high IQ is no guarantee of success, happiness, or virtue, but until Emotional Intelligence, we could only guess why. Daniel Goleman's brilliant report from the frontiers of psychology and neuroscience offers startling new insight into our "two minds"—the rational and the emotional—and how they together shape our destiny. Drawing on groundbreaking brain and behavioral research, Goleman shows the factors at work when people of high IQ flounder and

those of modest IQ do surprisingly well. These factors, which include self-awareness, self-discipline, and empathy, add up to a different way of being smart—and they aren't fixed at birth. Although shaped by childhood experiences, emotional intelligence can be nurtured and strengthened throughout our adulthood—with immediate benefits to our health, our relationships, and our work. The twenty-fifth-anniversary edition of Emotional Intelligence could not come at a better time—we spend so much of our time online, more and more jobs are becoming automated and digitized, and our children are picking up new technology faster than we ever imagined. With a new introduction from the author, the twenty-fifth-anniversary edition prepares readers, now more than ever, to reach their fullest potential and stand out from the pack with the help of EI.

Women in Engineering

The riveting true story of the women who launched America into space. In the 1940s and 50s, when the newly minted Jet Propulsion Laboratory needed quick-thinking mathematicians to calculate velocities and plot trajectories, they didn't turn to male graduates. Rather, they recruited an elite group of young women who, with only pencil, paper, and mathematical prowess, transformed rocket design, helped bring about the first American satellites, and made the exploration of the solar system possible. For the first time, Rise of the Rocket Girls tells the stories of these women -- known as "human computers" -- who broke the boundaries of both

gender and science. Based on extensive research and interviews with all the living members of the team, Rise of the Rocket Girls offers a unique perspective on the role of women in science: both where we've been, and the far reaches of space to which we're heading. "If Hidden Figures has you itching to learn more about the women who worked in the space program, pick up Nathalia Holt's lively, immensely readable history, Rise of the Rocket Girls." -- Entertainment Weekly

The Birth of the Pill: How Four Crusaders Reinvented Sex and Launched a Revolution

Pirouette across the stage and get to know Misty Copeland—the first African-American woman to become a principal ballerina with the American Ballet Theater—in this fascinating, nonfiction Level 3 Ready-to-Read, part of a new series of biographies about people "you should meet." Misty Copeland had always dreamed of becoming a dancer, but she had many obstacles to overcome before she could reach her dream. Although she was always challenged by the things that set her apart from other dancers, with a lot of hard work, dedication, and exceptional talent, Misty has become one of the most well-known dancers in America. On June 30, 2015 Misty stepped on stage as the first female African-American principal dancer for the American Ballet Theater and made history! A special section at the back of the book includes extras on subjects like history and

math, plus a fun timeline filled with interesting trivia facts about dance. With the You Should Meet series, learning about historical figures has never been so fascinating!

Duke Kahanamoku

"This rich volume is a national treasure." —Kirkus Reviews (starred review) "Captivating, informative, and inspiring…Easy to follow and hard to put down." —School Library Journal (starred review) The inspiring autobiography of NASA mathematician Katherine Johnson, who helped launch Apollo 11. As a young girl, Katherine Johnson showed an exceptional aptitude for math. In school she quickly skipped ahead several grades and was soon studying complex equations with the support of a professor who saw great promise in her. But ability and opportunity did not always go hand in hand. As an African American and a girl growing up in an era of brutal racism and sexism, Katherine faced daily challenges. Still, she lived her life with her father's words in mind: "You are no better than anyone else, and nobody else is better than you." In the early 1950s, Katherine was thrilled to join the organization that would become NASA. She worked on many of NASA's biggest projects including the Apollo 11 mission that landed the first men on the moon. Katherine Johnson's story was made famous in the bestselling book and Oscar-nominated film Hidden Figures. Now in Reaching for the Moon she tells her own story for the first time, in a lively autobiography that will inspire young readers

everywhere.

Emotional Intelligence

The Man Who Solved the Market

NEW YORK TIMES BEST SELLER • NAMED ONE OF THE BEST BOOKS OF THE YEAR BY: NPR, The New York Times Book Review, Time, Wall Street Journal, Washington Post • The McKinsey Business Book of the Year The full inside story of the breathtaking rise and shocking collapse of Theranos, the one-time multibillion-dollar biotech startup founded by Elizabeth Holmes—now the subject of the HBO documentary The Inventor—by the prize-winning journalist who first broke the story and pursued it to the end. "The story is even crazier than I expected, and I found myself unable to put it down once I started. This book has everything: elaborate scams, corporate intrigue, magazine cover stories, ruined family relationships, and the demise of a company once valued at nearly $10 billion." —Bill Gates In 2014, Theranos founder and CEO Elizabeth Holmes was widely seen as the female Steve Jobs: a brilliant Stanford dropout whose startup "unicorn" promised to revolutionize the medical industry with a machine that would make blood testing significantly faster and easier. Backed by investors such as Larry

Ellison and Tim Draper, Theranos sold shares in a fundraising round that valued the company at more than $9 billion, putting Holmes's worth at an estimated $4.7 billion. There was just one problem: The technology didn't work. A riveting story of the biggest corporate fraud since Enron, a tale of ambition and hubris set amid the bold promises of Silicon Valley.

Encyclopedia of American Women in Business: A-L

In this fascinating book, New Yorker business columnist James Surowiecki explores a deceptively simple idea: Large groups of people are smarter than an elite few, no matter how brilliant—better at solving problems, fostering innovation, coming to wise decisions, even predicting the future. With boundless erudition and in delightfully clear prose, Surowiecki ranges across fields as diverse as popular culture, psychology, ant biology, behavioral economics, artificial intelligence, military history, and politics to show how this simple idea offers important lessons for how we live our lives, select our leaders, run our companies, and think about our world.

Self Made

This powerful photography collection, drawn from the celebrated National

Geographic archive, reveals the lives of women from around the globe, accompanied by revelatory new interviews and portraits of contemporary trailblazers including Oprah Winfrey, Jane Goodall, and Christiane Amanpour. #MeToo. #GirlBoss. Time's Up. From Silicon Valley to politics and beyond, women are reshaping our world. Now, in anticipation of the 100th anniversary of the 19th amendment, this bold and inspiring book from National Geographic mines 130 years of photography to showcase their past, their present, and their future. With 300+ stunning images from more than 50 countries, each page of this glorious book offers compelling testimony about what it means to be female, from historic suffragettes to the haunting, green-eyed "Afghan girl." Organized around chapter themes like grit, love, and joy, the book features brand-new commentary from a wide swath of luminaries including Laura Bush, Gloria Allred, Roxane Gay, Melinda Gates, New Zealand prime minister Jacinda Ardern, and the founders of the #MeToo and Black Lives Matter movements. Each is accompanied by a bold new portrait, shot by acclaimed NG photographer Erika Larsen. The ultimate coffee table book, this iconic collection provides definitive proof that the future is female.

Women, Art, and Technology

A revealing look at how negative biases against women of color are embedded in search engine results and algorithms Run a Google search for "black girls"—what will you find? "Big Booty" and other sexually explicit terms are likely to come up as

top search terms. But, if you type in "white girls," the results are radically different. The suggested porn sites and un-moderated discussions about "why black women are so sassy" or "why black women are so angry" presents a disturbing portrait of black womanhood in modern society. In Algorithms of Oppression, Safiya Umoja Noble challenges the idea that search engines like Google offer an equal playing field for all forms of ideas, identities, and activities. Data discrimination is a real social problem; Noble argues that the combination of private interests in promoting certain sites, along with the monopoly status of a relatively small number of Internet search engines, leads to a biased set of search algorithms that privilege whiteness and discriminate against people of color, specifically women of color. Through an analysis of textual and media searches as well as extensive research on paid online advertising, Noble exposes a culture of racism and sexism in the way discoverability is created online. As search engines and their related companies grow in importance—operating as a source for email, a major vehicle for primary and secondary school learning, and beyond—understanding and reversing these disquieting trends and discriminatory practices is of utmost importance. An original, surprising and, at times, disturbing account of bias on the internet, Algorithms of Oppression contributes to our understanding of how racism is created, maintained, and disseminated in the 21st century.

Reaching for the Moon

The management of the pregnant woman with a medical problem presents the clinician with particular problems. An understanding of how a medical disease affects pregnancy and how any pre-existing medical condition is affected by pregnancy is required. In addition the clinician must take into account the second patient - the fetus - and be aware of how drug therapy and management strategies may influence fetal well-being. With tables, bullet points and boxes of key points, this text deals with the most common and serious medical conditions encountered in pregnancy, with a chapter for each system including heart disease, hypertension, thromboembolism, diabetes, skin problems, and gastrointestinal disease. With substantially updated chapters, this text is mainly in handy note form and concentrates on the differential diagnosis of common symptoms, signs and biochemical abnormalities encountered in pregnancy.

The Miracle Morning

This book was chosen by the Children's Book Council as a best STEM book of 2017! Meet the women who programmed the first all-electronic computer and built the technological language kids today can't live without in this fascinating, nonfiction Level 3 Ready-to-Read, part of a new series of biographies about people "you should meet!" In 1946, six brilliant young women programmed the first all-electronic, programmable computer, the ENIAC, part of a secret World War II project. They learned to program without any programming languages or tools,

and by the time they were finished, the ENIAC could run a complicated calculus equation in seconds. But when the ENIAC was presented to the press and public, the women were never introduced or given credit for their work. Learn all about what they did and how their invention still matters today in this story of six amazing young women everyone should meet! A special section at the back of the book includes extras on subjects like history and math, plus interesting trivia facts about how computers have changed over time. With the You Should Meet series, learning about historical figures has never been so much fun!

Women Who Launched the Computer Age

For readers of #GIRLBOSS and viewers of Shark Tank—a global revolution in entrepreneurship is under way, inspiring women to blaze a trail of financial self-reliance and become self-made. Featuring a foreword by Suze Orman. What does it mean to be self-made? It's not just about having money, but financial empowerment is where it begins. It means getting out of survival mode, where you are one problem away from catastrophe. It means changing your mindset from instant gratification to goal orientation. It means being able to sleep at night without worry. It means being rich in every way: rich in money, rich in family, rich in love, rich in time—abundant! For Nely Galán—entrepreneur, TV producer, and real estate mogul—helping women to become self-made is a movement and a mission. Galán pulls no punches. She is the straight-talking friend and mentor

you've always wanted, and here she shares valuable, candid, no-nonsense lessons learned on her own path to becoming self-made ("There is no Prince Charming"; "Think like an immigrant"; "In your pain is your brand"; "Don't buy shoes, buy buildings!"). You'll read inspiring stories of women who started and grew businesses out of ingenuity, opportunity, and need. You'll find exercises to help you identify your goals and your strengths. You'll learn tips and tricks for saving money, making money, and finding "hidden money" that can help jump-start your self-made dreams. When you become self-made, the change in you inspires change in those around you, because one of the greatest rewards of a self-made life is seeing how the sparks from your personal revolution can light a fire in others. So come, join the Self-Made movement. The revolution starts inside of you! Praise for Self Made "A much-needed and wise book that teaches women not to fear money but to see it as a means of reaching our dreams. Nely shows us how to become money courageous instead of finance fearful. I want to give this book to so many women (and men) I know. Thank you, Nely."—Sandra Cisneros "Nely Galán and I have traveled the country together helping women grow their businesses and live their dreams. I know firsthand that Nely is the ultimate self-made woman and your best girlfriend. Her generosity of spirit jumps off the page as she shares the secrets of her hard-won success and her contagious confidence."—Nell Merlino, creator of Take Our Daughters to Work Day and founder of Count Me In for Women's Economic Independence "Self Made teaches women to unleash their spark and hustle. Nely inspires readers to use what they have to get what they

want on their path to becoming self-made."—Tory Johnson, "Deals & Steals" contributor on ABC's Good Morning America and author of the #1 New York Times bestseller The Shift "You are not truly complete as a woman until you feel confident and empowered to make decisions about your money. Throughout my career, I have seen how a woman who takes ownership of her financial life is transformed and liberated, and how that in turn has a tremendous impact on her children. This is my belief and my personal experience, and it's why Self Made resonates so strongly with me."—Maria Elena Lagomasino, CEO of WE Family Offices and member of the board of directors of the Walt Disney Company, the Coca-Cola Company, and Avon Products, Inc. From the Hardcover edition.

Introduction to Probability

The Not-So-Obvious Secret Guaranteed to Transform Your Life

Women

The most authoritative guide to preparing for the ITIL® V3 Foundation Certificate in IT Service Management. It includes an extensive range of practice questions complete with explanations and key learning points and provides a wealth of background knowledge. This guide utilises the experience of three established

independent service management consultants who are members of the ISEB examination panel and are experienced Service Management Lecturers. An ITIL® Licensed Product.

Through the Flower

THE INSTANT NEW YORK TIMES AND WALL STREET JOURNAL BESTSELLER Like Fire & Fury, the gossipy real-life soap opera behind a serious show. When Barbara Walters launched The View, network executives told her that hosting it would tarnish her reputation. Instead, within ten years, she'd revolutionized morning TV and made household names of her co-hosts: Joy Behar, Star Jones, Meredith Vieira and Elisabeth Hasselbeck. But the daily chatfest didn't just comment on the news. It became the news. And the headlines barely scratched the surface. Based on unprecedented access, including stunning interviews with nearly every host, award-winning journalist Ramin Setoodeh takes you backstage where the stars really spoke their minds. Here's the full story of how Star, then Rosie, then Whoopi tried to take over the show, while Barbara struggled to maintain control of it all, a modern-day Lear with her media-savvy daughters. You'll read about how so many co-hosts had a tough time fitting in, suffered humiliations at the table, then pushed themselves away, feeling betrayed—one nearly quitting during a commercial. Meanwhile, the director was being driven insane, especially by Rosie. Setoodeh uncovers the truth about Star's weight loss and wedding madness. Rosie's feud

with Trump. Whoopi's toxic relationship with Rosie. Barbara's difficulty stepping away. Plus, all the unseen hugs, snubs, tears—and one dead rodent. Ladies Who Punch shows why The View can be mimicked and mocked, but it can never be matched.

Empress Dowager Cixi

Profiles the woman who escaped from slavery in the southern United States and then lent her support, and risked her life, to smuggle other slaves to freedom through the Underground Railroad.

Ladies Who Punch

Introduces the life and achievements of the surfer who won international fame in four Olympics and used his surfboard to save eight people from a capsized boat in California.

Women Want More

A sourcebook to the intersection between art and technology identifies the major female players in this movement, featuring a series of essays exploring the line

between these two fields written by artists and promoters who are well respected in their fields. (Fine Arts)

Reflections of a Man

NEW YORK TIMES BESTSELLER Gregory Zuckerman, the bestselling author of The Greatest Trade Ever and The Frackers, answers the question investors have been asking for decades: How did Jim Simons do it? Shortlisted for the Financial Times/McKinsey Business Book of the Year Award Jim Simons is the greatest money maker in modern financial history. No other investor--Warren Buffett, Peter Lynch, Ray Dalio, Steve Cohen, or George Soros--can touch his record. Since 1988, Renaissance's signature Medallion fund has generated average annual returns of 66 percent. The firm has earned profits of more than $100 billion; Simons is worth twenty-three billion dollars. Drawing on unprecedented access to Simons and dozens of current and former employees, Zuckerman, a veteran Wall Street Journal investigative reporter, tells the gripping story of how a world-class mathematician and former code breaker mastered the market. Simons pioneered a data-driven, algorithmic approach that's sweeping the world. As Renaissance became a market force, its executives began influencing the world beyond finance. Simons became a major figure in scientific research, education, and liberal politics. Senior executive Robert Mercer is more responsible than anyone else for the Trump presidency, placing Steve Bannon in the campaign and funding Trump's victorious 2016 effort.

Mercer also impacted the campaign behind Brexit. The Man Who Solved the Market is a portrait of a modern-day Midas who remade markets in his own image, but failed to anticipate how his success would impact his firm and his country. It's also a story of what Simons's revolution means for the rest of us.

Harriet Tubman

Presents profiles of more than three hundred American businesswomen along with entries of related topics.

If Then: How the Simulmatics Corporation Invented the Future

In Women Want More, Michael Silverstein and Kate Sayre, two of the world's leading authorities on the retail business, argue that women are the key to fixing the economy. Based on a groundbreaking study and offering tremendous insight into the purchasing habits and power of women, Women Want More doesn't just offer a glimpse into consumer behavior; it reveals what consumer behavior says about human psychology and desire.

Algorithms of Oppression

Blast off into space and get to know Mae Jemison—the first African-American woman to ever go to space—with this fascinating, nonfiction Level 3 Ready-to-Read, part of a new series of biographies about people "you should meet." Meet Mae Jemison, the first African-American female astronaut! Did you know before Mae was an astronaut, she went to medical school and joined the Peace Corps? But she never forgot her childhood dream to travel to outer space. So in 1985 she applied to NASA's astronaut training program. On September 12, 1992, Mae flew into space with six other astronauts aboard the space shuttle Endeavour and made history—just like you can if you follow your dreams! A special section at the back of the book includes extras on subjects like history and math, plus a fun timeline filled with interesting trivia facts about space! With the You Should Meet series, learning about historical figures has never been so much fun!

Invisible Women

"This reference is a broad, multi-volume collection of the best recent works published under the umbrella of computer engineering, including perspectives on the fundamental aspects, tools and technologies, methods and design, applications, managerial impact, social/behavioral perspectives, critical issues, and emerging trends in the field"--Provided by publisher.

Stuck in the Shallow End

This book is based on an expert group meeting entitled 'Male Roles and Masculinities in the Perspective of a Culture of Peace', which was organised by UNESCO in Oslo, Norway in 1997, the first international discussion of the connections between men and masculinity and peace and war. The group consisted of researchers, activists, policy makers and administrators and the aim of the meeting was to formulate practical suggestions for change. Chapters in the book consist of both regional case studies and social science research on the connections of traditional masculinity and patriarchy to violence and peace building. The Culture of Peace initiatives in this book show how violence is ineffective, and the book contests the views in the socialisation of boy-children that aggressiveness, violence and force are an acceptable means of expression.

Rise of the Rocket Girls

"Following his blockbuster biography of Steve Jobs, The Innovators is Walter Isaacson's revealing story of the people who created the computer and the Internet. It is destined to be the standard history of the digital revolution and an indispensable guide to how innovation really happens. What were the talents that allowed certain inventors and entrepreneurs to turn their visionary ideas into

disruptive realities? What led to their creative leaps? Why did some succeed and others fail? In his masterly saga, Isaacson begins with Ada Lovelace, Lord Byron's daughter, who pioneered computer programming in the 1840s. He explores the fascinating personalities that cr eated our current digital revolution, such as Vannevar Bush, Alan Turing, John von Neumann, J.C.R. Licklider, Doug Engelbart, Robert Noyce, Bill Gates, Steve Wozniak, Steve Jobs, Tim Berners-Lee, and Larry Page. This is the story of how their minds worked and what made them so inventive. It's also a narrative of how their ability to collaborate and master the art of teamwork made them even more creative. For an era that seeks to foster innovation, creativity, and teamwork, The Innovators shows how they happen"--

Women and Business Since 1500

An investigation into why so few African American and Latino high school students are studying computer science reveals the dynamics of inequality in American schools. The number of African Americans and Latino/as receiving undergraduate and advanced degrees in computer science is disproportionately low, according to recent surveys. And relatively few African American and Latino/a high school students receive the kind of institutional encouragement, educational opportunities, and preparation needed for them to choose computer science as a field of study and profession. In Stuck in the Shallow End, Jane Margolis looks at the daily experiences of students and teachers in three Los Angeles public high

schools: an overcrowded urban high school, a math and science magnet school, and a well-funded school in an affluent neighborhood. She finds an insidious "virtual segregation" that maintains inequality. Two of the three schools studied offer only low-level, how-to (keyboarding, cutting and pasting) introductory computing classes. The third and wealthiest school offers advanced courses, but very few students of color enroll in them. The race gap in computer science, Margolis finds, is one example of the way students of color are denied a wide range of occupational and educational futures. Margolis traces the interplay of school structures (such factors as course offerings and student-to-counselor ratios) and belief systems—including teachers' assumptions about their students and students' assumptions about themselves. Stuck in the Shallow End is a story of how inequality is reproduced in America—and how students and teachers, given the necessary tools, can change the system.

Warrior Women

Women in Engineering: Pioneers and Trailblazers introduces the visionary women who opened the door for today s female engineers. Pioneers such as Emily Roebling, Kate Gleason, Edith Clarke, and Katherine Stinson come to life in this anthology of essays, articles, lectures, and reports. In this book, the significant contributions women have made to engineering, in areas as diverse as construction management, environmental protection, and industrial efficiency, are

finally placed in their proper historical context. Studies on women engineers in the 1920s and in the years following World War II, underscore how far women have progressed in engineering, and how far they have to go. With selections that span a century of historical and social analysis, Women in Engineering: Pioneers and Trailblazers and its companion volume, Women in Engineering: Professional Life, present a range of perspectives on women in engineering that will be of interest to historians, engineers, educators, and students. About the Author Margaret E. Layne, P.E., is project director of Advance VT, a program created at Virginia Tech to increase the participation and advancement of women in academic science and engineering careers.

Computer Engineering: Concepts, Methodologies, Tools and Applications

Data is fundamental to the modern world. From economic development, to healthcare, to education and public policy, we rely on numbers to allocate resources and make crucial decisions. But because so much data fails to take into account gender, because it treats men as the default and women as atypical, bias and discrimination are baked into our systems. And women pay tremendous costs for this bias, in time, money, and often with their lives. Celebrated feminist advocate Caroline Criado Perez investigates shocking root cause of gender

inequality and research in Invisible Women†‹, diving into women's lives at home, the workplace, the public square, the doctor's office, and more. Built on hundreds of studies in the US, the UK, and around the world, and written with energy, wit, and sparkling intelligence, this is a groundbreaking, unforgettable exposé that will change the way you look at the world.

Reading the past, writing the future

This volume surveys the role women have played in various types of business as owners and managers in Europe and North America since the sixteenth century. Drawing on the most recent scholarship, and paying particular attention to the influence of gender norms, Craig identifies the factors that have facilitated or restricted women's participation.

The Wisdom of Crowds

Female scientists, technologists, engineers, and mathematicians worldwide are making historic contributions to their fields. The modern workforce is closer to gender-equal than it has ever been, and many efforts are in place to support further progress. The Internet of Women provides an exciting look at personal narratives and case studies of female leaders and cultural shifts around the globe

that illustrate this promising trend. From the United Nations' emphasis on girls and technology education in the Sustainable Development Goals to the increased female labor force in Zambia, a policy change that was inspired by the UN Millennial Development Goals, The Internet of Women captures stunning examples of progress from around the world and men working hand in hand with women advocating for cultural change. Gender equality and female participation in the tech field is critical to both developing and developed economies; nevertheless, this gap remains a global phenomenon. Without significant progress, the current rate of change will not lead to parity for 118 years, according to the World Economic Forum. However there's significant work being done to shift this tide. Take for instance Michelle Lee, the first female Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office, reflects on her childhood Girl Scout badge in sewing and cooking and how that memory inspired to create an IP badge that exposes young women to the process of invention. This book gathers examples about the increasingly inclusive and progressive gender culture in technology from over 30 countries. Stories range from an entrepreneur in Dubai partnering with private and public sector entities to accelerate blockchain technology to a young British woman moving to Silicon Valley to launch an artificial intelligence platform and incubator. The book is divided into six parts, each with unique areas of focus: Millennials Leading: Exploring Challenges and Opportunities Facing the Next Generation of Women in TechnologyMen and Women Empowering One AnotherBold Leadership: Women

Changing the Culture of Investment and EntrepreneurshipEducating for the 21st CenturyBreaking the Glass Ceiling: A Generation of Women Forging into Technology LeadershipEmerging Fields of Technology The book is intended for corporations, academic institutions, the private sector, government agencies, gender experts, and the general public, and its key benefit is to let the reader understand a path towards implementing diversity overall globally. It also showcases the strategies, tools, and tactical execution on how create cultural change in all parts of the world.

The Internet of Women

Hidden Figures

Through the Flower was my first book (I've since published nine others). I was inspired to write it by the writer and diarist, Anais Nin, who was a mentor to me in the early seventies. My hope was that it would aid young women artists in their development and that reading about my struggles might help them avoid some of the pitfalls that were so painful to me. I also hoped to spare them the anguish of "reinventing the wheel", which my studies in women's history had taught me was done again and again by women, specifically because we have not had access to

our foremothers' experience and achievements-one consequence of the fact that we still learn both history and art history from a male-centered bias with insufficient inclusion of women's achievements. I must admit that when I re-read Through the Flower, I winced at some of the unabashed honesty; at the same time, I am glad that my youthful self had the courage to speak so directly about my life and work. I doubt that I could recapture the candor that allowed this book to reflect such unabashed confidence that the world would accept revelations so lacking in self-consciousness. And yet, it is precisely this lack that helps give the book its flavor, the flavor of the seventies, when so many of us believed that we could change the world for the better, a goal that has been-as one of my friends put it-"mugged by reality". And yet, better an overly idealistic hope that the world could be reshaped for the better than a cynical acceptance of the status quo. At least we tried-and I'm still trying. Perhaps I'm just too old now to change. Judy Chicago 2005

The Innovators

From earliest times, women gained access to leadership in times of conflict and proved themselves equal to the challenge of commanding during war. Women leaders abounded in the ancient world from Ireland to Israel, sometimes through the accident of birth, but often rising to power through naked opportunism and raw courage in the ranks--and it is no accident that women war leaders, like men, are

often famous for their strong sexual drive. Wherever there is war, there has often been a woman at the helm. Later ages frequently wrote these women out of history, but their stories have refused to die. From the legendary leader of the Amazons who fought the greatest of Greek heroes, Achilles, to the Iron Ladies of today, the women of both West and East directing military campaigns and leading their countries in war. Presenting an array of fascinating and sometimes little known women war leaders, popular author Rosalind Miles and the acclaimed military historian Robin Cross do full justice to the achievements of these women, some of whose amazing stories have so far never been told. Warrior women include: Penthesilea the Amazons queen, Deborah, Cleopatra VII, Boudicca, Eleanor of Aquitaine, Joan of Arc, Elizabeth I, Grace O'Malley, Deborah Samson, Nadezda Durova, Harriet Tubman, Anna Etheridge, Soldaderas; Flora Sandes, Lily Litvak, Women of the Warsaw Ghetto, Hanna Reitsch, Ruth Werner, Jeanne Holm, Margaret Thatcher, Women in Today's Armies, Martha McSally and more. . .

Hidden Figures LP

Developed from celebrated Harvard statistics lectures, Introduction to Probability provides essential language and tools for understanding statistics, randomness, and uncertainty. The book explores a wide variety of applications and examples, ranging from coincidences and paradoxes to Google PageRank and Markov chain Monte Carlo (MCMC). Additional

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION