Humans Need Not Apply A Guide To Wealth And Work In The Age Of Artificial Intelligence

Presents a people-centred approach to development.
The definitive guide to working with -- and surviving -- bullies, creeps, jerks, tyrants, tormentors, despots, backstabbers, egomaniacs, and all the other assholes who do their best to destroy you at work. "What an asshole!" How many times have you said that about someone at work? You're not alone! In this groundbreaking book, Stanford University professor Robert I. Sutton builds on his acclaimed Harvard Business Review article to show you the best ways to deal with assholes...and why they can be so destructive to your company. Practical, compassionate, and in places downright funny, this guide offers: Strategies on how to pinpoint and eliminate negative influences for good Illuminating case histories from major organizations A self-diagnostic test and a program to identify and keep your own "inner jerk" from coming out The No Asshole Rule is a New York Times, Wall Street Journal, USA Today and Business Week bestseller.
An insightful, engaging tour by a noted Silicon Valley insider of how accelerating developments in Artificial Intelligence will transform the way we live and work Selected as one of the 10 best science and technology books of 2015 by The Economist After billions of dollars and fifty years of effort, researchers are finally cracking the code on

artificial intelligence. As society stands on the cusp of unprecedented change, Jerry Kaplan unpacks the latest advances in robotics, machine learning, and perception powering systems that rival or exceed human capabilities. Driverless cars, robotic helpers, and intelligent agents that promote our interests have the potential to usher in a new age of affluence and leisure -- but as Kaplan warns, the transition may be protracted and brutal unless we address the two great scourges of the modern developed world: volatile labor markets and income inequality. He proposes innovative, free-market adjustments to our economic system and social policies to avoid an extended period of social turmoil. His timely and accessible analysis of the promise and perils of artificial intelligence is a must-read for business leaders and policy makers on both sides of the aisle.

Humans Need Not ApplyA Guide to Wealth & Work in the Age of Artificial IntelligenceYale University Press

This business classic features straight-talking advice you'll never hear in school. Featuring a new foreword by Ariel Emanuel and Patrick Whitesell Mark H. McCormack, one of the most successful entrepreneurs in American business, is widely credited as the founder of the modern-day sports marketing industry. On a handshake with Arnold Palmer and less than a thousand dollars, he started International Management Group and, over a four-decade period, built the company into a multimillion-dollar enterprise with offices in more than forty countries. To this day, McCormack's business classic

remains a must-read for executives and managers at every level. Relating his proven method of "applied people sense" in key chapters on sales, negotiation, reading others and yourself, and executive time management, McCormack presents powerful real-world guidance on • the secret life of a deal • management philosophies that don't work (and one that does) • the key to running a meeting—and how to attend one • the positive use of negative reinforcement • proven ways to observe aggressively and take the edge • and much more Praise for What They Don't Teach You at Harvard Business School "Incisive, intelligent, and witty, What They Don't Teach You at Harvard Business School is a sure winner—like the author himself. Reading it has taught me a lot."—Rupert Murdoch, executive chairman, News Corp, chairman and CEO, 21st Century Fox "Clear, concise, and informative . . . Like a good mentor, this book will be a valuable aid throughout your business career."—Herbert J. Siegel, chairman, Chris-Craft Industries, Inc. "Mark McCormack describes the approach I have personally seen him adopt, which has not only contributed to the growth of his business, but mine as well."—Arnold Palmer "There have been what we love to call dynasties in every sport. IMG has been different. What this one brilliant man, Mark McCormack, created is the only dynasty ever over all sport."—Frank Deford, senior contributing writer, Sports Illustrated

As we approach a great turning point in history when technology is poised to redefine what it means to be human, The Fourth Age offers fascinating insight into AI, robotics,

and their extraordinary implications for our species. "If you only read just one book about the AI revolution, make it this one" (John Mackey, cofounder and CEO, Whole Foods Market). In The Fourth Age, Byron Reese makes the case that technology has reshaped humanity just three times in history: 100,000 years ago, we harnessed fire, which led to language; 10,000 years ago, we developed agriculture, which led to cities and warfare; 5,000 years ago, we invented the wheel and writing, which lead to the nation state. We are now on the doorstep of a fourth change brought about by two technologies: AI and robotics. "Timely, highly informative, and certainly optimistic" (Booklist), The Fourth Age provides an essential background on how we got to this point, and how—rather than what—we should think about the topics we'll soon all be facing: machine consciousness, automation, changes in employment, creative computers, radical life extension, artificial life, AI ethics, the future of warfare, superintelligence, and the implications of extreme prosperity. By asking questions like "Are you a machine?" and "Could a computer feel anything?", Reese leads you through a discussion along the cutting edge in robotics and AI, and provides a framework by which we can all understand, discuss, and act on the issues of the Fourth Age and how they'll transform humanity.

#1 NEW YORK TIMES BESTSELLER When and how did the universe begin? Why are we here? What is the nature of reality? Is the apparent "grand design" of our universe evidence of a benevolent creator who set things in motion—or does science offer

another explanation? In this startling and lavishly illustrated book, Stephen Hawking and Leonard Mlodinow present the most recent scientific thinking about these and other abiding mysteries of the universe, in nontechnical language marked by brilliance and simplicity. According to quantum theory, the cosmos does not have just a single existence or history. The authors explain that we ourselves are the product of quantum fluctuations in the early universe, and show how quantum theory predicts the "multiverse"—the idea that ours is just one of many universes that appeared spontaneously out of nothing, each with different laws of nature. They conclude with a riveting assessment of M-theory, an explanation of the laws governing our universe that is currently the only viable candidate for a "theory of everything": the unified theory that Einstein was looking for, which, if confirmed, would represent the ultimate triumph of human reason.

An "intriguing, insightful" look at how algorithms and robots could lead to social unrest—and how to avoid it (The Economist, Books of the Year). After decades of effort, researchers are finally cracking the code on artificial intelligence. Society stands on the cusp of unprecedented change, driven by advances in robotics, machine learning, and perception powering systems that rival or exceed human capabilities. Driverless cars, robotic helpers, and intelligent agents that promote our interests have the potential to usher in a new age of affluence and leisure—but as AI expert and Silicon Valley entrepreneur Jerry Kaplan warns, the transition may be protracted and brutal unless we

address the two great scourges of the modern developed world: volatile labor markets and income inequality. In Humans Need Not Apply, he proposes innovative, free-market adjustments to our economic system and social policies to avoid an extended period of social turmoil. His timely and accessible analysis of the promises and perils of AI is a must-read for business leaders and policy makers on both sides of the aisle. "A reminder that AI systems don't need red laser eyes to be dangerous."—Times Higher Education Supplement "Kaplan…sidesteps the usual arguments of techno-optimism and dystopia, preferring to go for pragmatic solutions to a shrinking pool of jobs."—Financial Times

How will artificial intelligence change our world within twenty years? "This inspired collaboration between a pioneering technologist and a visionary writer of science fiction offers bold and urgent insights."—Yann LeCun, winner of the Turing Award; chief AI scientist, Facebook "Amazingly entertaining . . . Lee and Chen take us on an immersive trip through the future. . . . Eye-opening."—Mark Cuban AI will be the defining development of the twenty-first century. Within two decades, aspects of daily human life will be unrecognizable. AI will generate unprecedented wealth, revolutionize medicine and education through human-machine symbiosis, and create brand-new forms of communication and entertainment. In liberating us from routine work, however, AI will also challenge the organizing principles of our economic and social order. Meanwhile, AI will bring new risks in the form of autonomous weapons and smart technology that

inherits human bias. AI is at a tipping point, and people need to wake up—both to AI's radiant pathways and its existential perils for life as we know it. In this provocative, utterly original work, Kai-Fu Lee, the former president of Google China and bestselling author of AI Superpowers, teams up with celebrated novelist Chen Qiufan to imagine our world in 2041 and how it will be shaped by AI. In ten gripping short stories, they introduce readers to an array of eye-opening 2041 settings, such as: • In San Francisco, the "job reallocation" industry emerges as deep learning AI causes widespread job displacement • In Tokyo, a music fan is swept up in an immersive form of celebrity worship based on virtual reality and mixed reality • In Mumbai, a teenage girl rebels when AI's crunching of big data gets in the way of romance • In Seoul, virtual companions with perfected natural language processing (NLP) skills offer orphaned twins new ways to connect • In Munich, a rogue scientist draws on quantum computing, computer vision and other AI technologies in a revenge plot that imperils the world By gazing toward a not-so-distant horizon, AI 2041 offers urgent insights into our collective future—while reminding readers that, ultimately, humankind remains the author of its destiny.

The challenges to humanity posed by the digital future, the first detailed examination of the unprecedented form of power called "surveillance capitalism," and the quest by powerful corporations to predict and control our behavior. In this masterwork of original thinking and research, Shoshana Zuboff provides startling insights into the

phenomenon that she has named surveillance capitalism. The stakes could not be higher: a global architecture of behavior modification threatens human nature in the twenty-first century just as industrial capitalism disfigured the natural world in the twentieth. Zuboff vividly brings to life the consequences as surveillance capitalism advances from Silicon Valley into every economic sector. Vast wealth and power are accumulated in ominous new "behavioral futures markets," where predictions about our behavior are bought and sold, and the production of goods and services is subordinated to a new "means of behavioral modification." The threat has shifted from a totalitarian Big Brother state to a ubiquitous digital architecture: a "Big Other" operating in the interests of surveillance capital. Here is the crucible of an unprecedented form of power marked by extreme concentrations of knowledge and free from democratic oversight. Zuboff's comprehensive and moving analysis lays bare the threats to twenty-first century society: a controlled "hive" of total connection that seduces with promises of total certainty for maximum profit -- at the expense of democracy, freedom, and our human future. With little resistance from law or society, surveillance capitalism is on the verge of dominating the social order and shaping the digital future -- if we let it. This book is enhanced with content such as audio or video, resulting in a large file that may take longer to download than expected. The Deluxe Illustrated Edition of a Timeless Classic Now with this enhanced edition, readers can gain additional insight through video interviews, audio excerpts and letters from C. S. Lewis. First published in

1942, The Screwtape Letters has sold millions of copies world-wide and is recognized as a milestone in the history of popular theology. A masterpiece of satire, it entertains readers with its sly and ironic portrayal of human life and foibles from the vantage point of Screwtape, a highly placed assistant to "Our Father Below." At once wildly comic, deadly serious, and strikingly original, The Screwtape Letters is the most engaging account of temptation—and triumph over it—ever written.

The originator of the Gaia theory offers the vision of a future epoch in which humans and artificial intelligence together will help the Earth survive. James Lovelock, creator of the Gaia hypothesis and the greatest environmental thinker of our time, has produced an astounding new theory about future of life on Earth. He argues that the Anthropocene—the age in which humans acquired planetary-scale technologies—is, after 300 years, coming to an end. A new age—the Novacene—has already begun. In the Novacene, new beings will emerge from existing artificial intelligence systems. They will think 10,000 times faster than we do and they will regard us as we now regard plants. But this will not be the cruel, violent machine takeover of the planet imagined by science fiction. These hyperintelligent beings will be as dependent on the health of the planet as we are. They will need the planetary cooling system of Gaia to defend them from the increasing heat of the sun as much as we do. And Gaia depends on organic life. We will be partners in this project. It is crucial, Lovelock argues, that the intelligence of Earth survives and prospers. He does not think there are intelligent aliens, so we are

the only beings capable of understanding the cosmos. Perhaps, he speculates, the Novacene could even be the beginning of a process that will finally lead to intelligence suffusing the entire cosmos. At the age of 100, James Lovelock has produced the most important and compelling work of his life.

A brilliant inquiry into the origins of human nature from the author of Rationality, The Better Angels of Our Nature, and Enlightenment Now. "Sweeping, erudite, sharply argued, and fun to read..also highly persuasive." --Time Updated with a new afterword One of the world's leading experts on language and the mind explores the idea of human nature and its moral, emotional, and political colorings. With characteristic wit, lucidity, and insight, Pinker argues that the dogma that the mind has no innate traits-a doctrine held by many intellectuals during the past century-denies our common humanity and our individual preferences, replaces objective analyses of social problems with feel-good slogans, and distorts our understanding of politics, violence, parenting, and the arts. Injecting calm and rationality into debates that are notorious for ax-grinding and mud-slinging, Pinker shows the importance of an honest acknowledgment of human nature based on science and common sense.

An invigorating, thought-provoking, and positive look at the rise of automation that explores how professionals across industries can find sustainable careers in the near future. Nearly half of all working Americans could risk losing their jobs because of technology. It's not only blue-collar jobs at stake. Millions of educated knowledge

workers—writers, paralegals, assistants, medical technicians—are threatened by accelerating advances in artificial intelligence. The industrial revolution shifted workers from farms to factories. In the first era of automation, machines relieved humans of manually exhausting work. Today, Era Two of automation continues to wash across the entire services-based economy that has replaced jobs in agriculture and manufacturing. Era Three, and the rise of AI, is dawning. Smart computers are demonstrating they are capable of making better decisions than humans. Brilliant technologies can now decide, learn, predict, and even comprehend much faster and more accurately than the human brain, and their progress is accelerating. Where will this leave lawyers, nurses, teachers, and editors? In Only Humans Need Apply, Thomas Hayes Davenport and Julia Kirby reframe the conversation about automation, arguing that the future of increased productivity and business success isn't either human or machine. It's both. The key is augmentation, utilizing technology to help humans work better, smarter, and faster. Instead of viewing these machines as competitive interlopers, we can see them as partners and collaborators in creative problem solving as we move into the next era. The choice is ours.

Written in the 16th century, The Prince remains one of the most influential books on political theory. Its author, Niccolo Machiavelli was an Italian diplomat and political theorist, and is considered the father of modern political thought.

Looking for ways to handle the transition to a digital economy Robots, artificial

intelligence, and driverless cars are no longer things of the distant future. They are with us today and will become increasingly common in coming years, along with virtual reality and digital personal assistants. As these tools advance deeper into everyday use, they raise the question—how will they transform society, the economy, and politics? If companies need fewer workers due to automation and robotics, what happens to those who once held those jobs and don't have the skills for new jobs? And since many social benefits are delivered through jobs, how are people outside the workforce for a lengthy period of time going to earn a living and get health care and social benefits? Looking past today's headlines, political scientist and cultural observer Darrell M. West argues that society needs to rethink the concept of jobs, reconfigure the social contract, move toward a system of lifetime learning, and develop a new kind of politics that can deal with economic dislocations. With the U.S. governance system in shambles because of political polarization and hyper-partisanship, dealing creatively with the transition to a fully digital economy will vex political leaders and complicate the adoption of remedies that could ease the transition pain. It is imperative that we make major adjustments in how we think about work and the social contract in order to prevent society from spiraling out of control. This book presents a number of proposals to help people deal with the transition from an industrial to a digital economy. We must broaden the concept of employment to include volunteering and parenting and pay greater attention to the opportunities for leisure time. New forms of identity will be possible

when the "job" no longer defines people's sense of personal meaning, and they engage in a broader range of activities. Workers will need help throughout their lifetimes to acquire new skills and develop new job capabilities. Political reforms will be necessary to reduce polarization and restore civility so there can be open and healthy debate about where responsibility lies for economic well-being. This book is an important contribution to a discussion about tomorrow—one that needs to take place today. Humility Is the New Smart Your job is at risk—if not now, then soon. We are on the leading edge of a Smart Machine Age led by artificial intelligence that will be as transformative for us as the Industrial Revolution was for our ancestors. Smart machines will take over millions of jobs in manufacturing, office work, the service sector, the professions, you name it. Not only can they know more data and analyze it faster than any mere human, say Edward Hess and Katherine Ludwig, but smart machines are free of the emotional, psychological, and cultural baggage that so often mars human thinking. So we can't beat 'em and we can't join 'em. To stay relevant, we have to play a different game. Hess and Ludwig offer us that game plan. We need to excel at critical, creative, and innovative thinking and at genuinely engaging with others—things machines can't do well. The key is to change our definition of what it means to be smart. Hess and Ludwig call it being NewSmart. In this extraordinarily timely book, they offer detailed guidance for developing NewSmart attitudes and four critical behaviors that will help us adapt to the new reality. The crucial mindset underlying NewSmart is humility—not self-effacement but an accurate self-appraisal: acknowledging you can't have all the answers, remaining open to new ideas, and committing yourself to lifelong learning. Drawing on extensive multidisciplinary

research, Hess and Ludwig emphasize that the key to success in this new era is not to be more like the machines but to excel at the best of what makes us human.

AI is radically transforming business. Are you ready? Look around you. Artificial intelligence is no longer just a futuristic notion. It's here right now--in software that senses what we need, supply chains that "think" in real time, and robots that respond to changes in their environment. Twenty-first-century pioneer companies are already using AI to innovate and grow fast. The bottom line is this: Businesses that understand how to harness AI can surge ahead. Those that neglect it will fall behind. Which side are you on? In Human + Machine, Accenture leaders Paul R. Daugherty and H. James (Jim) Wilson show that the essence of the AI paradigm shift is the transformation of all business processes within an organization--whether related to breakthrough innovation, everyday customer service, or personal productivity habits. As humans and smart machines collaborate ever more closely, work processes become more fluid and adaptive, enabling companies to change them on the fly--or to completely reimagine them. AI is changing all the rules of how companies operate. Based on the authors' experience and research with 1,500 organizations, the book reveals how companies are using the new rules of AI to leap ahead on innovation and profitability, as well as what you can do to achieve similar results. It describes six entirely new types of hybrid human + machine roles that every company must develop, and it includes a "leader's guide" with the five crucial principles required to become an AI-fueled business. Human + Machine provides the missing and much-needed management playbook for success in our new age of AI. BOOK PROCEEDS FOR THE AI GENERATION The authors' goal in publishing Human + Machine is to help executives, workers, students and others navigate the changes that AI is making to business and the

economy. They believe AI will bring innovations that truly improve the way the world works and lives. However, AI will cause disruption, and many people will need education, training and support to prepare for the newly created jobs. To support this need, the authors are donating the royalties received from the sale of this book to fund education and retraining programs focused on developing fusion skills for the age of artificial intelligence.

• New York Times bestseller • The 100 most substantive solutions to reverse global warming, based on meticulous research by leading scientists and policymakers around the world "At this point in time, the Drawdown book is exactly what is needed; a credible, conservative solution-by-solution narrative that we can do it. Reading it is an effective inoculation against the widespread perception of doom that humanity cannot and will not solve the climate crisis. Reported by-effects include increased determination and a sense of grounded hope." —Per Espen Stoknes, Author, What We Think About When We Try Not To Think About Global Warming "There's been no real way for ordinary people to get an understanding of what they can do and what impact it can have. There remains no single, comprehensive, reliable compendium of carbon-reduction solutions across sectors. At least until now. . . . The public is hungry for this kind of practical wisdom." —David Roberts, Vox "This is the ideal environmental sciences textbook—only it is too interesting and inspiring to be called a textbook." —Peter Kareiva, Director of the Institute of the Environment and Sustainability, UCLA In the face of widespread fear and apathy, an international coalition of researchers, professionals, and scientists have come together to offer a set of realistic and bold solutions to climate change. One hundred techniques and practices are described here—some are well known; some you may have never heard of. They range from clean energy to educating girls in lower-income

countries to land use practices that pull carbon out of the air. The solutions exist, are economically viable, and communities throughout the world are currently enacting them with skill and determination. If deployed collectively on a global scale over the next thirty years, they represent a credible path forward, not just to slow the earth's warming but to reach drawdown, that point in time when greenhouse gases in the atmosphere peak and begin to decline. These measures promise cascading benefits to human health, security, prosperity, and well-being—giving us every reason to see this planetary crisis as an opportunity to create a just and livable world.

While the current workforce has pushed for the capability to work from home, it has been the natural disasters and pandemics that have emerged across the globe this past year that have pushed the matter to the forefront of conversation. More companies are seeing the benefits of having a workforce that can maintain business processes and keep organizations running from anywhere. Advances in technology continue to improve online collaboration tools and co-working centers, making working from anywhere a possibility. Anywhere Working and the Future of Work is a pivotal reference source that provides vital research on the current state of teleworking/telecommuting and how it can be used to achieve competitive advantage. While highlighting topics such as digital workforce, mobile technology, and accessibility, the book examines the trends, issues, and limitations that are informing the future of anywhere working. This publication also explores remote management practices as well as potential challenges such as increasing business automation applications that may require navigation in the future of work. This book is ideally designed for business professionals, managers, executives, government agencies, policymakers, academicians, researchers, and students.

Staying true to his trademark journalistic approach, Andrés Oppenheimer takes his readers on yet another journey, this time across the globe, in a thought-provoking search to understand what the future holds for today's jobs in the foreseeable age of automation. The Robots Are Coming! centers around the issue of jobs and their future in the context of rapid automation and the growth of online products and services. As two of Oppenheimer's interviewees -- both experts in technology and economics from Oxford University -- indicate, forty-seven percent of existing jobs are at risk of becoming automated or rendered obsolete by other technological changes in the next twenty years. Oppenheimer examines current changes in several fields, including the food business, legal work, banking, and medicine, speaking with experts in the field, and citing articles and literature on automation in various areas of the workforce. He contrasts the perspectives of "techno-optimists" with those of "techno-negativists" and generally attempts to find a middle ground between an alarmist vision of the future, and one that is too uncritical. A self-described "cautious optimist", Oppenheimer believes that technology will not create massive unemployment, but rather will drastically change what work looks like.

The necessity for animal use in biomedical research is a hotly debated topic in classrooms throughout the country. Frequently teachers and students do not have access to balanced, factual material to foster an informed discussion on the topic. This colorful, 50-page booklet is designed to educate teenagers about the role of animal research in combating disease, past and present; the perspective of animal use within the whole spectrum of biomedical research; the regulations and oversight that govern animal research; and the continuing efforts to use animals more efficiently and humanely.

Discusses the reckless annihilation of fish and birds by the use of pesticides and warns of the possible genetic effects on humans.

The author offers an insider's account of the cutthroat entrepreneurial environment of Silicon Valley, detailing his struggle to start up a computer company, put together a team of software designers, and bring to market his unique product

Based on Stanford University psychologist Kelly McGonigal's wildly popular course "The Science of Willpower," The Willpower Instinct is the first book to explain the science of self-control and how it can be harnessed to improve our health, happiness, and productivity. Informed by the latest research and combining cutting-edge insights from psychology, economics, neuroscience, and medicine, The Willpower Instinct explains exactly what willpower is, how it works, and why it matters. For example, readers will learn: • Willpower is a mind-body response, not a virtue. It is a biological function that can be improved through mindfulness, exercise, nutrition, and sleep. • Willpower is not an unlimited resource. Too much self-control can actually be bad for your health. • Temptation and stress hijack the brain's systems of self-control, but the brain can be trained for greater willpower • Guilt and shame over your setbacks lead to giving in again, but self-forgiveness and self-compassion boost self-control. • Giving up control is sometimes the only way to gain self-control. • Willpower failures are contagious—you can catch the desire to overspend or overeat from your friends—but you can also catch self-control from the right role models. In the groundbreaking tradition of Getting Things Done, The Willpower Instinct combines life-changing prescriptive advice and complementary exercises to help readers with goals ranging from losing weight to more patient parenting, less procrastination, better health, and greater productivity at work.

Ray Kurzweil is the inventor of the most innovative and compelling technology of our era, an international authority on artificial intelligence, and one of our greatest living visionaries. Now he offers a framework for envisioning the twenty-first century--an age in which the marriage of human sensitivity and artificial intelligence fundamentally alters and improves the way we live. Kurzweil's prophetic blueprint for the future takes us through the advances that inexorably result in computers exceeding the memory capacity and computational ability of the human brain by the year 2020 (with human-level capabilities not far behind); in relationships with automated personalities who will be our teachers, companions, and lovers; and in information fed straight into our brains along direct neural pathways. Optimistic and challenging, thought-provoking and engaging, The Age of Spiritual Machines is the ultimate guide on our road into the next century.

It's easy to imagine a nightmare scenario in which computers simply take over most of the tasks that people now get paid to do. The unavoidable question—will millions of people lose out, unable to best the machine?—is increasingly dominating business, education, economics, and policy. The bestselling author of Talent Is Overrated explains how the skills and economy values are changing in historic ways and offers a guide to what's next for all workers. Mastering technical skills that have historically been in demand no longer differentiates us as it used to. Instead, our greatest advantage lies in our deepest, most essentially human abilities—empathy, creativity, social sensitivity, storytelling, humor, relationship building, and expressing ourselves with greater power than logic can ever achieve. These high-value skills craete tremendous competitive advantage—more devoted customers, stronger cultures, breakthrough ideas, and more effective teams. And while many of us regard these abilities as

innate traits, it turns out they can all be developed. As Colvin shows, they're already being developed in a range of farsighted organizations, including the Cleveland Clinic, the U.S. Army, and Stanford Business School.

Over the coming decades, Artificial Intelligence will profoundly impact the way we live, work, wage war, play, seek a mate, educate our young, and care for our elderly. It is likely to greatly increase our aggregate wealth, but it will also upend our labor markets, reshuffle our social order, and strain our private and public institutions. Eventually it may alter how we see our place in the universe, as machines pursue goals independent of their creators and outperform us in domains previously believed to be the sole dominion of humans. Whether we regard them as conscious or unwitting, revere them as a new form of life or dismiss them as mere clever appliances, is beside the point. They are likely to play an increasingly critical and intimate role in many aspects of our lives. The emergence of systems capable of independent reasoning and action raises serious questions about just whose interests they are permitted to serve, and what limits our society should place on their creation and use. Deep ethical questions that have bedeviled philosophers for ages will suddenly arrive on the steps of our courthouses. Can a machine be held accountable for its actions? Should intelligent systems enjoy independent rights and responsibilities, or are they simple property? Who should be held responsible when a self-driving car kills a pedestrian? Can your personal robot hold your place in line, or be compelled to testify against you? If it turns out to be possible to upload your mind into a machine, is that still you? The answers may surprise you.

This compelling literary novel has readers inspired, and looking at the world through a new lens. A broad range of stunned readers have commented that they have found the wildlife

fascinating, the poignant relationship issues resonant, and the action intense; a unique voice in literature. Don't be afraid to laugh, or cry, . . . or lend a hand. Join the HN3H movement, and become part of the solution. It's spreading! Majestic albatross glide over infinite whitecaps. Day after night after night after day, relentlessly; the natural world pounds out its rhythmic beat as wide-eyed optimist Kestrel Falco flies out to the remote center of The Pacific Ocean. As the first ranger stationed on Halfway Atoll Wildlife Sanctuary, he restlessly jostles excitedly in his chair, bristling with enthusiastic awe as he gazes out the window of a small plane, high over the massive seascape. Has Kestrel gotten far enough away? What does he run from? What are the roadblocks to understanding, and peace? What was your altruistic act today? Join Kestrel on his chaotic, quasi-metaphysical journey through our sometimes-surreal world, navigating through family, friends, co-workers, enemies, nature, and sea and Earth; dodging dangerous sharks and deadlier goons, and most importantly; his search for real true love. Can he survive Halfway, the second most remote spot on Earth? If he can't, can we? All he needs is a hand; a third hand . . .

Global environmental change often seems to be the most carefully examined issue of our time. Yet understanding the human side--human causes of and responses to environmental change--has not yet received sustained attention. Global Environmental Change offers a strategy for combining the efforts of natural and social scientists to better understand how our actions influence global change and how global change influences us. The volume is accessible to the nonscientist and provides a wide range of examples and case studies. It explores how the attitudes and actions of individuals, governments, and organizations intertwine to leave their mark on the health of the planet. The book focuses on establishing a

framework for this new field of study, identifying problems that must be overcome if we are to deepen our understanding of the human dimensions of global change, presenting conclusions and recommendations.

The Mises Institute is thrilled to bring back this popular guide to ridiculous economic policy from the ancient world to modern times. This outstanding history illustrates the utter futility of fighting the market process through legislation. It always uses despotic measures to yield socially catastrophic results. It covers the ancient world, the Roman Republic and Empire, Medieval Europe, the first centuries of the U.S. and Canada, the French Revolution, the 19th century, World Wars I and II, the Nazis, the Soviets, postwar rent control, and the 1970s. It also includes a very helpful conclusion spelling out the theory of wage and price controls. This book is a treasure, and super entertaining!

Are AI robots and computers really going to take over the world? Artificial intelligence (AI) guru Steve Shwartz has grown frustrated with the fear-inducing hype around AI in popular culture and media. Yes, today's AI systems are miracles of modern engineering, but no, humans do not have to fear robots seizing control or taking over all our jobs. In this exploration of the fascinating and ever-changing landscape of AI, Shwartz separates the facts from the tropes of apocalyptic science fiction. This captivating book explains • how AI really works in simple terms and why it cannot evolve into the AI of science fiction lore; • the groundbreaking AI technologies that do exist, including facial recognition, self-driving cars, machine translation, deepfakes, and many others; • the crucial areas where we will need to adopt new laws and policies in order to counter threats to our safety and personal freedoms resulting from the widespread use of AI. So although we don't have to worry about evil robots rising to power

and turning us into pets—and we probably never will—artificial intelligence is here to stay, and we must learn to separate fact from fiction and embrace how this amazing technology enhances our world.

This rare book contains a text written as part of an initiative by The Executive Committee of the Association for International Conciliation in an attempt to arouse in the interest of the American people in the progress of the movement for promoting international peace and good fellowship between nations. This fascinating treatise details the reasons for war in general and proposes the possible resources for the prevention thereof in the modern world, eloquently written by the great William James. A fascinating paper sure to appeal to collectors and enthusiast of antiquarian political literature, this scarce text has been elected for republication because of its historical importance, proudly republished now with a new introductory biography of the author. William James (1842 –1910) was an American philosopher and psychologist, widely hailed as one of the leading 19th century thinkers and philosophers the United States has ever produced. This book was originally published in 1910.

Only a few books stand as landmarks in social and scientific upheaval. Norbert Wiener's classic is one in that small company. Founder of the science of cybernetics—the study of the relationship between computers and the human

nervous system—Wiener was widely misunderstood as one who advocated the automation of human life. As this book reveals, his vision was much more complex and interesting. He hoped that machines would release people from relentless and repetitive drudgery in order to achieve more creative pursuits. At the same time he realized the danger of dehumanizing and displacement. His book examines the implications of cybernetics for education, law, language, science, technology, as he anticipates the enormous impact—in effect, a third industrial revolution—that the computer has had on our lives.

As robots are increasingly integrated into modern society—on the battlefield and the road, in business, education, and health—Pulitzer-Prize-winning New York Times science writer John Markoff searches for an answer to one of the most important questions of our age: will these machines help us, or will they replace us? In the past decade alone, Google introduced us to driverless cars, Apple debuted a personal assistant that we keep in our pockets, and an Internet of Things connected the smaller tasks of everyday life to the farthest reaches of the internet. There is little doubt that robots are now an integral part of society, and cheap sensors and powerful computers will ensure that, in the coming years, these robots will soon act on their own. This new era offers the promise of immense computing power, but it also reframes a question first raised more than

half a century ago, at the birth of the intelligent machine: Will we control these systems, or will they control us? In Machines of Loving Grace, New York Times reporter John Markoff, the first reporter to cover the World Wide Web, offers a sweeping history of the complicated and evolving relationship between humans and computers. Over the recent years, the pace of technological change has accelerated dramatically, reintroducing this difficult ethical quandary with newer and far weightier consequences. As Markoff chronicles the history of automation, from the birth of the artificial intelligence and intelligence augmentation communities in the 1950s, to the modern day brain trusts at Google and Apple in Silicon Valley, and on to the expanding tech corridor between Boston and New York, he traces the different ways developers have addressed this fundamental problem and urges them to carefully consider the consequences of their work. We are on the verge of a technological revolution, Markoff argues, and robots will profoundly transform the way our lives are organized. Developers must now draw a bright line between what is human and what is machine, or risk upsetting the delicate balance between them.

The New York Times-bestselling guide to how automation is changing the economy, undermining work, and reshaping our lives Winner of Best Business Book of the Year awards from the Financial Times and from Forbes "Lucid,

comprehensive, and unafraid...;an indispensable contribution to a long-running argument."--Los Angeles Times What are the jobs of the future? How many will there be? And who will have them? As technology continues to accelerate and machines begin taking care of themselves, fewer people will be necessary. Artificial intelligence is already well on its way to making "good jobs" obsolete: many paralegals, journalists, office workers, and even computer programmers are poised to be replaced by robots and smart software. As progress continues, blue and white collar jobs alike will evaporate, squeezing working- and middle-class families ever further. At the same time, households are under assault from exploding costs, especially from the two major industries-education and health care-that, so far, have not been transformed by information technology. The result could well be massive unemployment and inequality as well as the implosion of the consumer economy itself. The past solutions to technological disruption, especially more training and education, aren't going to work. We must decide, now, whether the future will see broad-based prosperity or catastrophic levels of inequality and economic insecurity. Rise of the Robots is essential reading to understand what accelerating technology means for our economic prospects-not to mention those of our children-as well as for society as a whole. The hidden costs of artificial intelligence, from natural resources and labor to

privacy and freedom What happens when artificial intelligence saturates political life and depletes the planet? How is AI shaping our understanding of ourselves and our societies? In this book Kate Crawford reveals how this planetary network is fueling a shift toward undemocratic governance and increased inequality. Drawing on more than a decade of research, award-winning science, and technology, Crawford reveals how AI is a technology of extraction: from the energy and minerals needed to build and sustain its infrastructure, to the exploited workers behind "automated" services, to the data AI collects from us. Rather than taking a narrow focus on code and algorithms, Crawford offers us a political and a material perspective on what it takes to make artificial intelligence and where it goes wrong. While technical systems present a veneer of objectivity, they are always systems of power. This is an urgent account of what is at stake as technology companies use artificial intelligence to reshape the world. #1 NEW YORK TIMES BESTSELLER • ONE OF TIME MAGAZINE'S 100 BEST YA BOOKS OF ALL TIME The extraordinary, beloved novel about the ability of books to feed the soul even in the darkest of times. When Death has a story to tell, you listen. It is 1939. Nazi Germany. The country is holding its breath. Death has never been busier, and will become busier still. Liesel Meminger is a foster girl living outside of Munich, who scratches out a meager existence for herself by

stealing when she encounters something she can't resist–books. With the help of her accordion-playing foster father, she learns to read and shares her stolen books with her neighbors during bombing raids as well as with the Jewish man hidden in her basement. In superbly crafted writing that burns with intensity, award-winning author Markus Zusak, author of I Am the Messenger, has given us one of the most enduring stories of our time. "The kind of book that can be life-changing." —The New York Times "Deserves a place on the same shelf with The Diary of a Young Girl by Anne Frank." —USA Today DON'T MISS BRIDGE OF CLAY, MARKUS ZUSAK'S FIRST NOVEL SINCE THE BOOK THIEF. With the technical world of work changing rapidly, don't leave anything to chance. In The Human Cloud, two workforce productivity and technology experts lay out a clear picture of the coming revolution in how work is done and how jobs are shaped, empowering you with practical advice to take charge of your future. If you listen to the news, robots are coming for your job. Full-time employment will soon be a thing of the past as organizations opt more and more to hire employees on a contract basis. And thanks to technological advances across email, video, project management, and instant messaging platforms, being tied to a desk working full time for one company is becoming obsolete. These predictions have many of us asking, "Where does that leave me?" The Human

Cloud just may be the most important book you read to prepare for the future of the way work is done. In these pages, a human cloud technologist and an AI expert help you not only clearly understand the transition you see happening around you, but they will also help you take advantage of it. By replacing fear with knowledge, you will better understand how this shift in employment is a good thing, be equipped to embrace the positive advantages new technology brings and use it all to your benefit, and further secure how your own job is shaped so you are never left behind. Topics unpacked in The Human Cloud include: How employees and employers will be able to take advantage of the new automated and freelance-based workplace. How they will be able to take advantage of the new technology disruptions the machine cloud will create. Why the changes employees and employers are seeing aren't the projection of doom that many are predicting; they can actually create many new career opportunities. How to navigate the coming job marketplace.

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