Global Solutions Network Don Tapscott

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Informationweek

The frontiers are the future of humanity. Peacefully and sustainably managing

them is critical to both security and prosperity in the twenty-first century.

The TransHuman Code

Blockchain should be easy to understand, but the so-called "experts" always explain it in such a complicated way! Through 200 original illustrations, this book provides simple explanation of Blockchain technology: what Blockchain is and how it works. This book will help you, understand everything about Blockchain, including: The Origin, The Theory, The People, The Application, The Brief History of Blockchain And many more fundamental aspects of blockchain!

Global Corporate Power

This book offers readers a startling view of how blockchain technology will transform the financial industry in profound ways. Some of the world's top thinkers in blockchain have contributed chapters that survey the coming digital storm - how it will level the playing field, give individuals more financial power, and create greater transparency in operations. Written for the educated financial reader, it reveals how blockchain can create a token-based incentive system that aligns the interests of participants in large-scale initiatives, as well as the rewiring of global payment networks and innovative financing methods such as initial coin offerings

to fund infrastructure development. The transition for the financial industry is bound to be complicated, but it presents enormous opportunity for those who understand the storm as it's brewing. "In Financial Services Revolution, Alex Tapscott opens a window into a dynamic future, featuring the early stages of a transition to a natively digital global economy, sporting various degrees of decentralization. It will be a complicated transition for financial, economic, social, and political systems, but I see it as one pregnant with hope and promise." - Joseph Lubin, CEO, ConsenSys "Nobody has a better handle on the coming digital storm and its broad implications than Alex Tapscott. In Financial Services Revolution, Alex lays out the blueprint for how to survive and then thrive in this era of digital disruption." - Harris Fricker, President and CEO, GMP Securities LP "Alex Tapscott is one of the blockchain industry's foremost leaders and earliest believers. His work as an investor, advocate, educator, and business builder has contributed immense value to the development of the digital asset market." - Cole Diamond, Chairman and CEO, Coinsquare "This book will help successful financial services leaders with a pressing need: to relentlessly push the boundaries of their tech knowledge, with imagination around its application." - Dean Connor, President and CEO, Sun Life Financial "Blockchain has the potential to transform financial services in profound ways, to level playing fields, favour collaboration over competition, and enable the individual to enjoy as much agency as the corporation does today in financial matters. This book explains how. A must-read." - Joseph Lubin, CEO, ConsenSys "This book shows how blockchain is a game changer for data and transfer of value

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-at the heart of financial and government services today. " - Linda Mantia, former Senior Executive Vice President and Chief Operating Officer, Manulife Financial "It was an honour to contribute to the Blockchain Research Institute's comprehensive investigation into blockchain's promise and the challenges that come with it. This is a must-read volume for anyone interested in this potentially transformative technology." - Michael Casey, Chief Content Officer, CoinDesk "Thoroughly researched and brimming with new insights, Financial Services Revolutionis required reading for every Wall Street banker and all who care about the future of money and finance." - Bill Barhydt, CEO and Founder, Abra "Alex Tapscott has been among the first and most thoughtful contributors to the global conversation on the future of finance. This book extends that dialogue. It looks at how financial services might approach a technological revolution originally designed to disintermediate it." - Matthew Roszak, Chairman and Co-founder, Bloq

New Rules for the New Economy

Become a Blockchain developer and design, build, publish, test, maintain and secure scalable decentralized Blockchain projects using Bitcoin, Ethereum, NEO, EOS and Hyperledger. This book helps you understand Blockchain beyond development and crypto to better harness its power and capability. You will learn tips to start your own project, and best practices for testing, security, and even compliance. Immerse yourself in this technology and review key topics such as

cryptoeconomics, coding your own Blockchain P2P network, different consensus mechanisms, decentralized ledger, mining, wallets, blocks, and transactions. Additionally, this book provides you with hands-on practical tools and examples for creating smart contracts and dApps for different blockchains such as Ethereum, NEO, EOS, and Hyperledger. Aided by practical, real-world coding examples, you'll see how to build dApps with Angular utilizing typescript from start to finish, connect to the blockchain network locally on a test network, and publish on the production mainnet environment. Don't be left out of the next technology revolution – become a Blockchain developer using The Blockchain Developer today. What You'll Learn Explore the Blockchain ecosystem is and the different consensus mechanisms Create miners, wallets, transactions, distributed networks and DApps Review the main features of Bitcoin: Ethereum, NEO and EOS, and Hyperledger are Interact with popular node clients as well as implementing your own Blockchain Publish and test your projects for security and scalability Who This Book Is For Developers, architects and engineers who are interested in learning about Blockchain or implementing Blockchain into a new greenfield project or integrating Blockchain into a brownfield project. Technical entrepreneurs, technical investors or even executives who want to better understand Blockchain technology and its potential.

Code Halos

#1 Amazon New Release! – Understand Bitcoin, blockchains, and cryptocurrency with this clear and comprehensible guide Learn the history and basics of cryptocurrency and blockchains: There's a lot of information on cryptocurrency and blockchains out there. But, for the uninitiated, most of this information can be indecipherable. The Basics of Bitcoins and Blockchains aims to provide an accessible guide to this new currency and the revolutionary technology that powers it. Bitcoin, Ethereum, and other cryptocurrencies: Gain an understanding of a broad spectrum of Bitcoin topics. The Basics of Bitcoins and Blockchains covers topics such as the history of Bitcoin, the Bitcoin blockchain, and Bitcoin buying, selling, and mining. It also answers how payments are made and how transactions are kept secure. Other cryptocurrencies and cryptocurrency pricing are examined, answering how one puts a value on cryptocurrencies and digital tokens. Blockchain technology: Blockchain technology underlies all cryptocurrencies and cryptocurrency transactions. But what exactly is a blockchain, how does it work, and why is it important? The Basics of Bitcoins and Blockchains will answer these questions and more. Learn about notable blockchain platforms, smart contracts, and other important facets of blockchains and their function in the changing cyber-economy. Things to know before buying cryptocurrencies: The Basics of Bitcoins and Blockchains offers trustworthy and balanced insights to those interested in Bitcoin investing or investing in other cryptocurrency. Discover the risks and mitigations, learn how to identify scams, and understand cryptocurrency exchanges, digital wallets, and regulations with this book. Readers will learn about:

Bitcoin and other cryptocurrencies Blockchain technology and how it works The workings of the cryptocurrency market The evolution and potential impacts of Bitcoin and blockchains on global businesses Dive into the world of cryptocurrency with confidence with this comprehensive introduction.

Enterprise 2.0

For two thousand years, constitutional republics assumed class divisions a priori. But as Ganesh Sitaraman reminds us in this exceptionally lucid study, our Constitution, growing as it did out of a society of almost unprecedented economic equality, made no provisions to prevent the upper class from seizing the levers of power, as previous constitutions had. Now that the wealthy are doing just that, Sitaraman argues Americans face a choice- Do we want to live in the kind of equal society our founders always assumed we would, or do we want to adapt our Constitution to fit the kind of inequality they believed America was an exception to? In deciding that question, he reasons, we should be heartened by the fact that we've taken steps to reduce inequality and strengthen the middle class before now, but we can and should take those steps again.

Blockchain

Shows examples of how network and multimedia technology is affecting business

Supply Chain Revolution

Harness "Code Halos" to gain competitive advantage in the digital era Amazon beating Borders, Netflix beating Blockbuster, Apple beating Kodak, and the rise of companies like Google, LinkedIn, and Pandora are not isolated or random events. Today's outliers in revenue growth and value creation are winning with a new set of rules. They are dominating by managing the information that surrounds people, organizations, processes, and products—what authors Malcolm Frank, Paul Roehrig, and Ben Pring call Code Halos. This is far beyond "Big Data" and analytics. Code Halos spark new commercial models that can dramatically flip market dominance from industry stalwarts to challengers. In this new book, the authors show leaders how digital innovators and traditional companies can build Code Halo solutions to drive success. The book: Examines the explosion of digital information that now surrounds us and describes the profound impact this is having on individuals, corporations, and societies; Shows how the Crossroads Model can help anticipate and navigate this market shift; Provides examples of traditional firms already harnessing the power of Code Halos including GE's "Brilliant Machines," Disney's theme park "Magic Band," and Allstate's mobile devices and analytics that transform auto insurance. With reasoned insight, new data, real-world cases, and practical guidance, Code Halos shows seasoned executives, entrepreneurs,

students, line-of-business owners, and technology leaders how to master the new rules of the Code Halo economy.

The Digital Economy

Social software has taken the Internet by storm, fuelling huge growth in collaborative authoring platforms (such as blogs, wikis and podcasts) and massive expansion in social networking communities. These technologies have generated an unprecedented level of consumer participation and it is now time for businesses to embrace them as part of their own information and knowledge management strategies. Enterprise 2.0 is one of the first books to explain the impact that social software will have inside the corporate firewall, and ultimately how staff will work together in the future. Niall Cook helps you to navigate this emerging landscape and introduces the key concepts that make up 'Enterprise 2.0'. The 4Cs model at the heart of the book uses practical examples from well known companies in a range of industry sectors to illustrate how to apply Enterprise 2.0 to encourage communication, cooperation, collaboration and connection between employees and customers in your own company. Erudite, well-researched and highly readable, this book is essential for anyone involved in knowledge, information and library management, as well as those implementing social software tools inside organizations. It will also appeal to marketing, advertising, public relations and internal communications professionals who need to exploit the opportunities social

software offers for significant business impact and competitive advantage.

E-work and E-commerce

The overflow of information generated during disasters can be as paralyzing to humanitarian response as the lack of information. This flash flood of information'social media, satellite imagery and more is often referred to as Big Data. Making sense of this data deluge during disasters is proving an impossible challenge for traditional humanitarian

The Basics of Bitcoins and Blockchains

Over 170 essays dealing with new Internet technologies related to business.

Blockchain

Welcome to the world of the naked corporation. Transparency is revolutionizing every aspect of our economy and its industries and forcing firms to rethink their fundamental values. We are in an extraordinary age where businesses must make themselves clearly visible to shareholders, customers, employees, partners, and society. Financial data, employee grievances, internal memos, environmental

disasters, product weaknesses, international protests, scandals and policies, good news and bad; all can be seen by anyone who knows where to look. Don Tapscott, bestselling author and one of the most sought after strategists and speakers in the business world, is famous for seeing into the future and pointing out both its forest and its trees. David Ticoll, visionary researcher, columnist, and consultant, has identified countless breakthrough trends at the intersection of technology and business strategy. These two longtime collaborators now offer a brilliant guide to the new age of openness. In The Naked Corporation, they explain how the new transparency has caused a power shift toward customers, employees, shareholders, and other stakeholders; how and where information has exploded; and how corporations across many industries have seized on transparency not as a challenge but as an opportunity. Drawing on such examples as Shell Oil's reinvention of itself as an environmentally focused business, to Johnson & Johnson's longstanding and carefully nurtured reputation as a company worthy of trust—as well as little-known examples from pharmaceuticals, insurance, high technology, and financial services—Tapscott and Ticoll offer invaluable advice on how to lead the new age, rather than simply react to it. The Naked Corporation is a book for managers, employees, investors, customers, and anyone who cares about the future of the corporation and society.

Competing in a Flat World

Looks at how the Internet is affecting businesses, education, and government, touching on the twelve themes of the new economy and privacy issues

Blockchain

The acclaimed bestseller that's teaching the world about the power of mass collaboration. Translated into more than twenty languages and named one of the best business books of the year by reviewers around the world, Wikinomics has become essential reading for business people everywhere. It explains how mass collaboration is happening not just at Web sites like Wikipedia and YouTube, but at traditional companies that have embraced technology to breathe new life into their enterprises. This national bestseller reveals the nuances that drive wikinomics, and share fascinating stories of how masses of people (both paid and volunteer) are now creating TV news stories, sequencing the human gnome, remixing their favorite music, designing software, finding cures for diseases, editing school texts, inventing new cosmetics, and even building motorcycles.

Electronic Democracy

Innovation in information and communication technology (ICT) fuels the growth of the global economy. How ICT markets evolve depends on politics and policy, and

since the 1950s periodic overhauls of ICT policy have transformed competition and innovation. For example, in the 1980s and the 1990s a revolution in communication policy (the introduction of sweeping competition) also transformed the information market. Today, the diffusion of Internet, wireless, and broadband technology, growing modularity in the design of technologies, distributed computing infrastructures, and rapidly changing business models signal another shift. This pathbreaking examination of ICT from a political economy perspective argues that continued rapid innovation and economic growth require new approaches in global governance that will reconcile diverse interests and enable competition to flourish. The authors (two of whom were architects of international ICT policy reforms in the 1990s) discuss this crucial turning point in both theoretical and practical terms.

Digital Humanitarians

In their 2007 bestseller, Wikinomics, Don Tapscott and Anthony Williams taught the world how mass collaboration was changing the way businesses communicate, compete, and succeed in the new global marketplace. But much has changed in three years, and the principles of wikinomics are now more powerful than ever. In this new age of networked intelligence, businesses and communities are bypassing crumbling institutions. We are altering the way our financial institutions and governments operate; how we educate our children; and how the health-care,

newspaper, and energy industries serve their customers. In every corner of the globe, businesses, organizations, and individuals alike are using mass collaboration to revolutionize not only the way we work, but how we live, learn, create, and care for each other. Once again backed by original research, Tapscott and Williams provide vivid new examples of organizations that are successfully embracing the principles of wikinomics.

Transforming Global Information and Communication Markets

"This is essential reading for anyone seeking to compete–and succeed–in the fl at world." –John Hagel, Chairman of Deloitte Center of Innovation "Competing in a Flat World provides an extraordinary glimpse into a new kind of organizational architecture, one built around the notion of orchestrating resources you don't control and doing so in a way that builds both trust and agility. This architecture may well turn out to be the dominant model of the firm for the 21st century. This book is a must read for anyone who wants to compete in a flat world. Every chapter details new and powerful ideas." –John Seely Brown, Former Chief Scientist of Xerox Corporation and coauthor of The Only Sustainable Edge "We are led by unstoppable economic forces to connect our resources to form smart networks, either wired or unwired. The authors bring forward the notion of 'network orchestration,' an almost one-size-fits-all strategy for organizations to survive and excel in an ever-flattening world." –John Chen, Sybase Chairman, CEO and

President In the "flat world," everything changes…above all, what it takes to run a winning company. Success is less about what the company can do itself and more about what it can connect to. Find out how it's done, from the company that pioneered "flat world" success, Li & Fung, which produces more than $8 billion in garments and other goods for the world's top brands and retailers–without owning a single factory. Victor and William Fung and Jerry Wind, author of the best-selling The Power of Impossible Thinking, reveal how they've replaced "old-fashioned" infrastructure and huge employee bases with a fluid, ever-changing network that can design, manufacture, and deliver almost anything, anywhere. The key to success in this world is a set of principles for "network orchestration," described for the first time in this book. They examine how these principles can be applied in manufacturing, services and other industries. They show how to build and orchestrate your own world-class global network. * Compete "network vs. network"–and win! * Create a "big-small" company that combines scale and agility * Forge loose-tight relationships with suppliers * Balance control with empowerment, stability with renewal * Manage the "bumps" in the flat world–from politics to terrorism Visit the authors' website: www.competinginaflatworld.net

Blueprint to the Digital Economy

Draws on the examples of insect colonies and fish schools to demonstrate how ancient animal instincts surpass modern human developments in speed and

productivity, revealing how numerous technological breakthroughs were inspired by natural organizations.

Universal Access in Human-Computer Interaction: Design for All and Accessibility Practice

A Humancentric Approach to a Technological Innovation THIS IS NOT SIMPLY A BOOK ABOUT TECHNOLOGY. IT IS A BOOK ABOUT THE INCREASING ROLE HUMANITY MUST PLAY DURING THIS TECHNOLOGICAL REVOLUTION IN ORDER TO THRIVE, NOT JUST SURVIVE. In The transHuman Code, authors Carlos Moreira and David Fergusson ask, "Are we building a better future for humanity with the help of magnificent technology or could we instead be building a future with better technology at the expense of humanity?" In proclaiming the obvious, that the human is and will always be the greatest and most advanced technology the world has ever known, the authors ask, "Doesn't it then make the most sense to place the understanding, improvement, and utilization of humanity as today's highest priority?" The transHuman Code is a book of conversations about how we employ the power of technology to script the best future possible. By introducing you to some of the world's most important innovators and dynamic developments occurring today, giving you a clearer understanding of their implications and then sparking the conversations that need to happen as a result, the hope is that

together we will develop a transHuman code that will allow us to remain both the apex and axis of all technological progress from here forward. How we do this today is new territory. Dynamic innovative opportunities are here, or very near, for the taking. Which ones should we pursue and why? The transHuman Code introduces, through an address of the core elements of our life ecosystem, the discussions we must have. Together, both readers and contributors will form collective, proactive answers in this interactive process. You are invited to join Moreira and Fergusson, through this groundbreaking book, to begin this important work together.

Empires of Food

SELECTED AS A 2008 BEST BUSINESS BOOK OF THE YEAR BY THE ECONOMIST The Net Generation Has Arrived. Are you ready for it? Chances are you know a person between the ages of 11 and 30. You've seen them doing five things at once: texting friends, downloading music, uploading videos, watching a movie on a two-inch screen, and doing who-knows-what on Facebook or MySpace. They're the first generation to have literally grown up digital--and they're part of a global cultural phenomenon that's here to stay. The bottom line is this: If you understand the Net Generation, you will understand the future. If you're a Baby Boomer or Gen-Xer: This is your field guide. A fascinating inside look at the Net Generation, Grown Up Digital is inspired by a $4 million private research study. New York Times

bestselling author Don Tapscott has surveyed more than 11,000 young people. Instead of a bunch of spoiled "screenagers" with short attention spans and zero social skills, he discovered a remarkably bright community which has developed revolutionary new ways of thinking, interacting, working, and socializing. Grown Up Digital reveals: How the brain of the Net Generation processes information Seven ways to attract and engage young talent in the workforce Seven guidelines for educators to tap the Net Gen potential Parenting 2.0: There's no place like the new home Citizen Net: How young people and the Internet are transforming democracy Today's young people are using technology in ways you could never imagine. Instead of passively watching television, the "Net Geners" are actively participating in the distribution of entertainment and information. For the first time in history, youth are the authorities on something really important. And they're changing every aspect of our society-from the workplace to the marketplace, from the classroom to the living room, from the voting booth to the Oval Office. The Digital Age is here. The Net Generation has arrived. Meet the future.

Macrowikinomics

The industrial-age corporation is crumbling. The new form of wealth creation is the business web, and the new basis of wealth is digital capital.

Cyber War and Peace

The COVID-19 pandemic has taken precious lives and devastated the global economy. It has also revealed chinks in our supply chains. Not only have manufacturers found themselves scrambling unsuccessfully to find new suppliers when their Asian sources shut down, but the Western world has experienced across-the-board shortages of essential consumer packaged goods for the first time in decades. Blockchain technology has the potential to minimize these kinds of pandemic disruptions. In this book, some of the world's top experts show how blockchain--in combination with other innovations such as additive manufacturing, artificial intelligence, and the Internet of Things--can address longstanding problems that make the business of getting goods to customers so slow and expensive, especially in crises. Today's supply chains are complex, as they move resources through trucks, planes, boats, and trains. Too many parties rely on a hodgepodge of documents and intermediaries to do business, which make the whereabouts and custody of goods unclear. That's why, in a pandemic, uninformed consumers might reasonably believe that toilet paper won't be available for many months. Enter blockchain--the Internet of Value. For the first time in human history, individuals and organizations can manage and trade their assets digitally peer to peer. In doing so, they will reinvent global commerce and how we exchange value. This will transform the best practices of operations, logistics, procurement and purchasing, transportation, customs and border control, trade finance and

insurance, manufacturing, and inventory management. Global supply chains are ripe for disruption at every level and in every role. Supply Chain Revolution identifies what leaders should be doing now to prepare their organizations for the inevitable decentralized future. Enterprise executives and entrepreneurs alike will find ideas and opportunities to discuss with their stakeholders and decide how best to participate in the blockchain revolution.

Macrowikinomics

NEW Best Practices and Techniques for Growing Your Business with Facebook, Twitter, and LinkedIn! Completely Updated! Five new chapters: planning/metrics, customer service, and much more New and revamped case studies New guest contributions from world-class experts, such as Charlene Li New, instantly actionable "To Do" lists after every chapter New Facebook discussion threads and much more! Whatever your business or organizational goals, this book will help you use social networking to achieve them. Renowned social networking innovator Clara Shih brings together powerful new insights, best practices, and easy-to-use "To Do" lists packed with proven solutions from real-world case studies. Writing for entrepreneurs and business professionals across marketing, sales, service, product development, and recruiting, Shih demonstrates how to move from tactical, reactive use of social networks toward strategic, proactive approaches—and how to accurately measure success. This edition adds extensive new coverage,

including hands-on techniques for hypertargeting, engaging customers through Twitter and LinkedIn, leveraging changing social norms, and much more. You'll also find more than three dozen guest contributions from world-class experts such as author Don Tapscott and Harvard Business School professor Mikolaj Piskorski, as well as a brand-new chapter on customer service and support, today's fastest-growing area of business social networking. Shih has even added new chapters focused on advice for small businesses, healthcare and education organizations, nonprofits, and political campaigns—making this the one indispensable social networking guide for every organization!

Wall Street & Technology

Grown Up Digital: How the Net Generation is Changing Your World

The timely book takes stock of the state of the art and future of electronic democracy, exploring the history and potential of e-democracy in global perspective. Analysing the digital divide, the role of the internet as a tool for political mobilisation, internet Voting and Voting Advice Applications, and other phenomena, this volume critically engages with the hope for more transparency

and political participation through e-democracy.

The Blockchain Developer

How, despite thirty years of effort, Soviet attempts to build a national computer network were undone by socialists who seemed to behave like capitalists.

The Facebook Era

Transforming Climate Finance and Green Investment with Blockchains

Can blockchain solve your biggest business problem? While the world is transfixed by bitcoin mania, your competitors are tuning out the noise and making strategic bets on blockchain. Your rivals are effortlessly tracking every last link in their supply chains. They're making bureaucratic paper trails obsolete while keeping their customers' data safer and discovering new ways to use this next foundational technology to sustain their competitive advantage. What should you be doing with blockchain now to ensure that your business is poised for success? "Blockchain: The Insights You Need from Harvard Business Review" brings you today's most

essential thinking on blockchain, explains how to get the right initiatives started at your company, and prepares you to seize the opportunity of the coming blockchain wave. Business is changing. Will you adapt or be left behind? Get up to speed and deepen your understanding of the topics that are shaping your company's future with the Insights You Need from Harvard Business Review series. Featuring HBR's smartest thinking on fast-moving issues--blockchain, cybersecurity, AI, and more--each book provides the foundational introduction and practical case studies your organization needs to compete today and collects the best research, interviews, and analysis to get it ready for tomorrow. You can't afford to ignore how these issues will transform the landscape of business and society. The Insights You Need series will help you grasp these critical ideas--and prepare you and your company for the future.

Blockchain Revolution

The four-volume set LNCS 8513-8516 constitutes the refereed proceedings of the 8th International Conference on Universal Access in Human-Computer Interaction, UAHCI 2014, held as part of the 16th International Conference on Human-Computer Interaction, HCII 2014, held in Heraklion, Crete, Greece in June 2014, jointly with 14 other thematically similar conferences. The total of 1476 papers and 220 posters presented at the HCII 2014 conferences was carefully reviewed and selected from 4766 submissions. These papers address the latest research and

development efforts and highlight the human aspects of design and use of computing systems. The papers thoroughly cover the entire field of human-computer interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The total of 251 contributions included in the UAHCI proceedings were carefully reviewed and selected for inclusion in this four-volume set. The 60 papers included in this volume are organized in the following topical sections: web accessibility; design for all in the built environment; global access infrastructures and user experiences in universal access.

Czech and Slovak culture in international and global context

The classic book on business strategy in the new networked economy— from the author of the New York Times bestseller The Inevitable Forget supply and demand. Forget computers. The old rules are broken. Today, communication, not computation, drives change. We are rushing into a world where connectivity is everything, and where old business know-how means nothing. In this new economic order, success flows primarily from understanding networks, and networks have their own rules. In New Rules for the New Economy, Kelly presents ten fundamental principles of the connected economy that invert the traditional wisdom of the industrial world. Succinct and memorable, New Rules explains why these powerful laws are already hardwired into the new economy, and how they

play out in all kinds of business—both low and high tech— all over the world. More than an overview of new economic principles, it prescribes clear and specific strategies for success in the network economy. For any worker, CEO, or middle manager, New Rules is the survival kit for the new economy.

Crowdsourcing: Concepts, Methodologies, Tools, and Applications

Blockchain technology is powering our future. As the technology behind cryptocurrencies like bitcoin, open software platforms like Ethereum, and disruptive companies like Ripple, it's too important to ignore. In this revelatory book, Don Tapscott, the bestselling author of Wikinomics, and his son, blockchain expert Alex Tapscott, bring us a brilliantly researched, highly readable, and essential book about the technology driving the future of the economy. Blockchain is the ingeniously simple, revolutionary protocol that allows transactions to be simultaneously anonymous and secure by maintaining a tamperproof public ledger of value. Though it's best known as the technology that drives bitcoin and other digital currencies, it also has the potential to go far beyond currency, to record virtually everything of value to humankind, from birth and death certificates to insurance claims, land titles, and even votes. Blockchain is also essential to understand if you're an artist who wants to make a living off your art, a consumer

who wants to know where that hamburger meat really came from, an immigrant who's tired of paying big fees to send money home to your loved ones, or an entrepreneur looking for a new platform to build a business. And those examples are barely the tip of the iceberg. As with major paradigm shifts that preceded it, blockchain technology will create winners and losers. This book shines a light on where it can lead us in the next decade and beyond.

Digital Capital

Blockchain is transforming business. What's your strategy? Leaders of forward-thinking organizations are exploring how blockchain can transform the way they create and seek value. Whether it's used to streamline multiparty processes, create and trade new assets, or leverage artificial intelligence and the internet of things, blockchain enables entirely new business opportunities. This is just the start. As blockchain becomes more widely adopted, it has the potential to radically change the way companies and societies operate, as transformative a paradigm shift as the launch of the internet. The Real Business of Blockchain is one of the first books on this transformative technology written for business leaders. Authors David Furlonger and Christophe Uzureau--both of Gartner, the world-renowned research and advisory company--will help you: Assess how blockchain will impact your business Explore the value proposition that blockchain offers Make smart near- and midterm investments Position your organization in a new competitive

landscape Timely, visionary, and accessible, The Real Business of Blockchain cuts through the hype and helps you unlock the vast capabilities of this powerful and potentially world-changing technology.

The Real Business of Blockchain

The Naked Corporation

We are what we eat: this aphorism contains a profound truth about civilization, one that has played out on the world historical stage over many millennia of human endeavor. Using the colorful diaries of a sixteenth-century merchant as a narrative guide, Empires of Food vividly chronicles the fate of people and societies for the past twelve thousand years through the foods they grew, hunted, traded, and ate—and gives us fascinating, and devastating, insights into what to expect in years to come. In energetic prose, agricultural expert Evan D. G. Fraser and journalist Andrew Rimas tell gripping stories that capture the flavor of places as disparate as ancient Mesopotamia and imperial Britain, taking us from the first city in the once-thriving Fertile Crescent to today's overworked breadbaskets and rice bowls in the United States and China, showing just what food has meant to humanity. Cities, culture, art, government, and religion are founded on the creation

and exchange of food surpluses, complex societies built by shipping corn and wheat and rice up rivers and into the stewpots of history's generations. But eventually, inevitably, the crops fail, the fields erode, or the temperature drops, and the center of power shifts. Cultures descend into dark ages of poverty, famine, and war. It happened at the end of the Roman Empire, when slave plantations overworked Europe's and Egypt's soil and drained its vigor. It happened to the Mayans, who abandoned their great cities during centuries of drought. It happened in the fourteenth century, when medieval societies crashed in famine and plague, and again in the nineteenth century, when catastrophic colonial schemes plunged half the world into a poverty from which it has never recovered. And today, even though we live in an age of astounding agricultural productivity and genetically modified crops, our food supplies are once again in peril. Empires of Food brilliantly recounts the history of cyclic consumption, but it is also the story of the future; of, for example, how a shrimp boat hauling up an empty net in the Mekong Delta could spark a riot in the Caribbean. It tells what happens when a culture or nation runs out of food—and shows us the face of the world turned hungry. The authors argue that neither local food movements nor free market economists will stave off the next crash, and they propose their own solutions. A fascinating, fresh history told through the prism of the dining table, Empires of Food offers a grand scope and a provocative analysis of the world today, indispensable in this time of global warming and food crises.

The Crisis of the Middle-Class Constitution

With the growth of information technology, many new communication channels and platforms have emerged. This growth has advanced the work of crowdsourcing, allowing individuals and companies in various industries to coordinate efforts on different levels and in different areas. Providing new and unique sources of knowledge outside organizations enables innovation and shapes competitive advantage. Crowdsourcing: Concepts, Methodologies, Tools, and Applications is a collection of innovative research on the methods and applications of crowdsourcing in business operations and management, science, healthcare, education, and politics. Highlighting a range of topics such as crowd computing, macrotasking, and observational crowdsourcing, this multi-volume book is ideally designed for business executives, professionals, policymakers, academicians, and researchers interested in all aspects of crowdsourcing.

How Not to Network a Nation

In their bestseller Wikinomics, Don Tapscott and Anthony Williams showed the world how mass collaboration was changing the way businesses communicate, create value, and compete in the new global marketplace. This sequel shows that in more than a dozen fields—from finance to health care, science to education, the

media to the environment—we have reached a historic turning point. Collaborative innovation is revolutionizing not only the way we work, but how we live, learn, create, govern, and care for one another. The wiki revolutions of the Arab Spring were only one example of how rebuilding civilization was not only possible but necessary. With vivid examples from diverse sectors, Macrowikinomics is a hand-book for people everywhere seeking a transformation of industry and institutions by embracing a new set of guiding principles, including openness and interdependence. Tapscott and Williams argue that this new communications medium, like the printing press before it, is enabling nothing less than the birth of a new civilization.

Off the Network

The internet was envisaged as a decentralised global network, but in the past 25 years it has come to be controlled by a few, very powerful, centralised companies. Blockchain is a technological paradigm shift that allows secure, reliable, and direct information transfer between individuals, organisations, and things, so that we can manage, verify, and control the use of our own data. Blockchain also offers a new opportunity for humanity to fix some major problems. It can authenticate data, manage its analysis, and automate its use. With better data comes better decision-making. In this way, Blockchain can contribute to solving climate change, reduce voting fraud, fix our identity systems, improve fair trade, and give the poor an

opportunity to improve their lives by monetising their (digital) capital. A world built upon peer-to-peer transactions and smart contracts can empower individuals and communities. This book offers a fresh perspective with which to consider this transformative technology. It describes how Blockchain can optimise the processes that run our society. It provides practical solutions to global problems and offers a roadmap to incorporate Blockchain in your business. It offers a blueprint for a better world. Filled with easy-to-understand examples, this book shows how Blockchain can take over where the internet has fallen short.

The Smart Swarm

The digital world profoundly shapes how we work and consume and also how we play, socialize, create identities, and engage in politics and civic life. Indeed, we are so enmeshed in digital networks—from social media to cell phones—that it is hard to conceive of them from the outside or to imagine an alternative, let alone defy their seemingly inescapable power and logic. Yes, it is (sort of) possible to quit Facebook. But is it possible to disconnect from the digital network—and why might we want to? Off the Network is a fresh and authoritative examination of how the hidden logic of the Internet, social media, and the digital network is changing users' understanding of the world—and why that should worry us. Ulises Ali Mejias also suggests how we might begin to rethink the logic of the network and question its ascendancy. Touted as consensual, inclusive, and pleasurable, the digital

network is also, Mejias says, monopolizing and threatening in its capacity to determine, commodify, and commercialize so many aspects of our lives. He shows how the network broadens participation yet also exacerbates disparity—and how it excludes more of society than it includes. Uniquely, Mejias makes the case that it is not only necessary to challenge the privatized and commercialized modes of social and civic life offered by corporate-controlled spaces such as Facebook and Twitter, but that such confrontations can be mounted from both within and outside the network. The result is an uncompromising, sophisticated, and accessible critique of the digital world that increasingly dominates our lives.

Financial Services Revolution

This is an exploration of the diverse ways that corporations affect the practices and structures of the global political economy. The text addresses fundamental questions such as: How can the corporation be most usefully conceptualized within the field of IPE?

Wikinomics

Transforming Climate Finance and Green Investment with Blockchains establishes and analyzes the connection between this revolutionary technology and global

efforts to combat climate change. The benefits of blockchain come through various profound alterations, such as the adoption of smart contracts that are set to redefine governance and regulatory structures and transaction systems in coming decades. Each chapter contains a problem statement that describes the challenges blockchain technology can address. The book brings together original visions and insights from global members of the Blockchain Climate Institute, comprising thought leaders, financial professionals, international development practitioners, technology entrepreneurs, and more. This book will help readers understand blockchain technology and how it can facilitate the implementation of the Paris Agreement and accelerate the global transition to a green economy. Provides an authoritative examination of this emerging digital technology and its implications on global climate change governance Includes detailed proposals and thorough discussions of implementation issues that are specific to green economy sectors Relates innovative proposals to existing applications to demonstrate the value add of blockchain technology Covers blockchain for the smarter energy sector, for fraud-free emissions management, to streamline climate investments, and legal frameworks for blockchain-based climate finance

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