

Deep Web E Bitcoin Vizi Privati E Pubbliche Virt Della Navigazione In Rete

Bitcoin first appeared in 2009, and it's already challenging everything we've come to accept about money, financial institutions, and even government. The digital currency can be nearly anonymous. And it can be traded internationally—without the fees, government regulation, and bank oversight of paper money. But Bitcoin is still risky. Its value fluctuates wildly. More than \$400 billion of it disappeared overnight with the fall of a single trading exchange. How is that possible? And why is it so popular? CNNMoney reporter Jose Pagliery explains it all. He details the digital currency's mysterious origins. He explores the dark side of Bitcoin: a world of drugs and assassins for hire. And he examines the economic impact of this revolutionary concept through interviews with pensive economists, wary bank regulators, and free market proponents such as Ron Paul. Bitcoin: And the Future of Money explains how it works and why it matters. The book is essential reading for anyone looking to understand a financial innovation that will forever change how we think about money.

Since the launch of Bitcoin in 2009 several hundred different 'cryptocurrencies' have been developed and become accepted for a wide variety of transactions in leading online commercial marketplaces and the 'sharing economy', as well as by more traditional retailers, manufacturers, and even by charities and political parties. Bitcoin and its competitors have also garnered attention for their wildly fluctuating values as well as implication in international money laundering, Ponzi schemes and online trade in illicit goods and services across borders. These and other controversies surrounding cryptocurrencies have induced varying governance responses by central banks, government ministries, international organizations, and industry regulators worldwide. Besides formal attempts to ban Bitcoin, there have been multifaceted efforts to incorporate elements of blockchains, the peer-to-peer technology underlying cryptocurrencies, in the wider exchange, recording, and broadcasting of digital transactions. Blockchains are being mobilized to support and extend an array of governance activities. The novelty and breadth of growing blockchain-based activities have fuelled both utopian promises and dystopian fears regarding applications of the emergent technology to Bitcoin and beyond. This volume brings scholars of anthropology, economics, Science and Technology Studies, and sociology together with GPE scholars in assessing the actual implications posed by Bitcoin and blockchains for contemporary global governance. Its interdisciplinary contributions provide academics, policymakers, industry practitioners and the general public with more nuanced understandings of technological change in the changing character of governance within and across the borders of nation-states.

Looking to surf the deep web anonymously? Want to learn about the TOR browser? This book is for you. Be Anonymous, Forever Tor enables its users to surf the Internet, chat and send instant messages anonymously. Developed by the Tor Project, a nonprofit organization that promotes anonymity on the internet, Tor was originally called The Onion Router due to the fact it uses a technique called "onion routing" to hide information about user activity. Your privacy is important, but the government organizations such as the NSA think otherwise. That's why TOR is such an essential tool - it warrants your privacy and leaves you untraceable. In this book, you will be thought exactly how you can remain completely anonymous using TOR. Because even on an encrypted browser like TOR, the NSA or FBI is able to see what you're doing. However, I've got some nifty tools that can circumvent most of the risk. Curious what's inside the book yet? Click the "BUY NOW" button to protect yourself online.

Several years have passed since the incidents surrounding the Coin of the Sun. Having received a letter from Holo, Norah the former shepherdess and Eve the merchant woman travel north--and on the way, they end up in the same wagon as Diana the alchemist! Were Lawrence and Holo able to find happiness for themselves? In addition to an epilogue covering the days immediately after the events of Volume 16, this final book in the Spice and Wolf series includes three new short stories! There are millions of searchable data sources on the Web and to a large extent their contents can only be reached through their own query interfaces. There is an enormous interest in making the data in these sources easily accessible. There are primarily two general approaches to achieve this objective. The first is to surface the contents of these sources from the deep Web and add the contents to the index of regular search engines. The second is to integrate the searching capabilities of these sources and support integrated access to them. In this book, we introduce the state-of-the-art techniques for extracting, understanding, and integrating the query interfaces of deep Web data sources. These techniques are critical for producing an integrated query interface for each domain. The interface serves as the mediator for searching all data sources in the concerned domain. While query interface integration is only relevant for the deep Web integration approach, the extraction and understanding of query interfaces are critical for both deep Web exploration approaches. This book aims to provide in-depth and comprehensive coverage of the key technologies needed to create high quality integrated query interfaces automatically. The following technical issues are discussed in detail in this book: query interface modeling, query interface extraction, query interface clustering, query interface matching, query interface attribute integration, and query interface integration. Table of Contents: Introduction / Query Interface Representation and Extraction / Query Interface Clustering and Categorization / Query Interface Matching / Query Interface Attribute Integration / Query Interface Integration / Summary and Future Research

This book is the first of two volumes presenting a business model to add value through Procurement. Including several case studies of successful implementation, it demonstrates how the increasing complexity of the business environment requires a significant intervention on the management of processes and information within individual organizations and through inter-company relations. Agile Procurement presents the application of the Agile method which optimises and digitizes processes in order to reduce wastage and defects. As a method, tool and a culture aimed at effectiveness, efficiency and economy of organisations, agile procurement requires a change of paradigm. This volume examines these areas of improvement and presents best practice in improving processes. Each chapter of the book presents and substantiates the costs and benefits of process improvement through agile procurement. This is seen as the integration of Lean Six Sigma and digitization.

The design patterns in this book capture best practices and solutions to recurring problems in machine learning. The authors, three Google engineers, catalog proven methods to help data scientists tackle common problems throughout the ML process. These design patterns codify the experience of hundreds of experts into straightforward, approachable advice. In this book, you will find detailed explanations of 30 patterns for data and problem representation, operationalization, repeatability, reproducibility, flexibility, explainability, and fairness. Each pattern includes a description of the problem, a variety of potential solutions, and recommendations for choosing the best technique for your situation. You'll learn how to: Identify and mitigate common challenges when training, evaluating, and deploying ML models Represent data for different ML model types, including embeddings, feature crosses, and more Choose the right model type for specific problems Build a robust training loop that uses checkpoints,

distribution strategy, and hyperparameter tuning Deploy scalable ML systems that you can retrain and update to reflect new data Interpret model predictions for stakeholders and ensure models are treating users fairly

This book explores how the design, construction, and use of robotics technology may affect today's legal systems and, more particularly, matters of responsibility and agency in criminal law, contractual obligations, and torts. By distinguishing between the behaviour of robots as tools of human interaction, and robots as proper agents in the legal arena, jurists will have to address a new generation of "hard cases." General disagreement may concern immunity in criminal law (e.g., the employment of robot soldiers in battle), personal accountability for certain robots in contracts (e.g., robo-traders), much as clauses of strict liability and negligence-based responsibility in extra-contractual obligations (e.g., service robots in tort law). Since robots are here to stay, the aim of the law should be to wisely govern our mutual relationships.

Finance and banking sector has had to adopt a new customer-oriented approach and go beyond traditional practices in the face of rapid changes in technology and increasing competition. Technological development, which is the pioneer of change, brings the financial system to a new level as in every field of economy. Written in these directions, this book includes current debates in the field of banking and finance. Especially the rapid entry of blockchain technology into all areas of life has caused serious changes in corporate governance mechanisms. In this context, the content of the book answers the question of why corporate governance matters a problem for the banking sector with theoretical aspects. And at the same time, it empirically discusses measures of the potential market value effects of the blockchain systems integration into corporate governance procedures. Along with these, the banking sector, which constitutes an important part of the financial system, has become more significant after the global mortgage crisis. The evaluation of the banking sector, which is structurally different from other sectors, requires a separate approach. The content of the book draws an overall picture that can be used for banks in terms of valuation methods. Additionally, the determinants of the financial performance of banks, which are the main components of the financial system, are analysed specifically in the Turkish banking sector. On the other hand, financial problems such as portfolio optimization, which is one of the important topics of financial decisions, and its applications are examined specifically for the Turkish stock market. Approaches and new methods of optimization are tested.

Wulff's life history is of considerable interest in itself. In her biographical essay (Part I) Selena Axelrod Winsnes portrays him as a 'marginal man': being a Jew in Denmark at the beginning of the 19th century was to some extent an uphill struggle for those who sought public recognition, and Wulff did not escape discrimination in his administrative career at Christiansborg either, although special circumstances allowed him to hold important positions, and yet, only for the short term. Paradoxically, on his arrival to the Gold Coast Wulff - as a Jew - was placed in a middle position in the racial hierarchy dominating the mind-set of his superiors in Copenhagen ñ between Africans and Europeans. In many respects he shared the fate of Euro-Africans, straddling two worlds and being 'sealed off' from the top echelons of the European establishments on the Coast. This book comprises two parts. The first is a biographical presentation of Wulff Joseph Wulff , a Danish Jew. It is an essay concerning the last six years of his life, spent on the Gold Coast of West Africa, based on letters he wrote to his family in Denmark. Those letters were published in 1917 as *Da Guinea var Dansk* [When Guinea was Danish], by Carl Behrens, a member of his family in Denmark. The second part of the book is an edited translation of the letters from Danish into English.

Discover Bitcoin, the cryptocurrency that has the finance worldbuzzing Bitcoin is arguably one of the biggest developments in financesince the advent of fiat currency. With *UnderstandingBitcoin*, expert author Pedro Franco provides financeprofessionals with a complete technical guide and resource to thecryptography, engineering and economic development of Bitcoin andother cryptocurrencies. This comprehensive, yet accessible workfully explores the supporting economic realities and technologicaladvances of Bitcoin, and presents positive and negative argumentsfrom various economic schools regarding its continuedviability. This authoritative text provides a step-by-step description ofhow Bitcoin works, starting with public key cryptography and movingon to explain transaction processing, the blockchain and miningtechnologies. This vital resource reviews Bitcoin from the broaderperspective of digital currencies and explores historical attemptsat cryptographic currencies. Bitcoin is, after all, not just adigital currency; it's a modern approach to the secure transfer ofvalue using cryptography. This book is a detailed guide to what it is, how it works, and how it just may jumpstart a change in the waydigital value changes hands. Understand how Bitcoin works, and the technology behind it Delve into the economics of Bitcoin, and its impact on thefinancial industry Discover alt-coins and other available cryptocurrencies Explore the ideas behind Bitcoin 2.0 technologies Learn transaction protocols, micropayment channels, atomiccross-chain trading, and more Bitcoin challenges the basic assumption under which the currentfinancial system rests: that currencies are issued by centralgovernments, and their supply is managed by central banks. To fullyunderstand this revolutionary technology, *UnderstandingBitcoin* is a uniquely complete, reader-friendly guide.

This book examines the relationship between information and communication technology (ICT) and politics in a global perspective. This book looks at how information and communication technology and e-government influences power relations in public administration in China. It highlights the role of technology in combating corruption, and clarifies the interplay between ideas, institutions and technologies in shaping the foundation for organisational change. Using fieldwork based case studies, the book provides an incisive view into the working processes of the Chinese administration previously inaccessible to research. It challenges the high expectations for the transformative potential of information technology, and is a valuable contribution to the debate on Chinese reforms.

Tor And The Deep Web: The Complete Guide To Stay Anonymous In The Dark Net Tor enables its users to surf the Internet, chat and send instant messages anonymously. Developed by the Tor Project, a nonprofit organization that promotes anonymity on the internet, Tor was originally called The Onion Router due to the fact that it uses a technique called "onion routing" to hide information about user activity. With this book you can learn about: -Introduction to Tor -Installing the Tor browser -How to use tor to protect your privacy -5 important facts you need to know -Legal or illegal -Tips & recommendations And much, much more!

New edition of the bestselling guide to deep reinforcement learning and how it's used to solve complex real-world problems. Revised and expanded to include multi-agent methods, discrete optimization, RL in robotics, advanced exploration techniques, and more Key Features Second edition of the bestselling introduction to deep reinforcement learning, expanded with six new chapters Learn advanced exploration techniques including noisy networks, pseudo-count, and network distillation methods Apply RL methods to cheap hardware robotics platforms Book Description *Deep Reinforcement Learning Hands-On, Second Edition* is an updated and expanded version of the bestselling guide to the very latest reinforcement learning (RL) tools and techniques. It provides you with an introduction to the fundamentals of RL, along with the hands-on ability to code intelligent learning agents to

perform a range of practical tasks. With six new chapters devoted to a variety of up-to-the-minute developments in RL, including discrete optimization (solving the Rubik's Cube), multi-agent methods, Microsoft's TextWorld environment, advanced exploration techniques, and more, you will come away from this book with a deep understanding of the latest innovations in this emerging field. In addition, you will gain actionable insights into such topic areas as deep Q-networks, policy gradient methods, continuous control problems, and highly scalable, non-gradient methods. You will also discover how to build a real hardware robot trained with RL for less than \$100 and solve the Pong environment in just 30 minutes of training using step-by-step code optimization. In short, Deep Reinforcement Learning Hands-On, Second Edition, is your companion to navigating the exciting complexities of RL as it helps you attain experience and knowledge through real-world examples. What you will learn Understand the deep learning context of RL and implement complex deep learning models Evaluate RL methods including cross-entropy, DQN, actor-critic, TRPO, PPO, DDPG, D4PG, and others Build a practical hardware robot trained with RL methods for less than \$100 Discover Microsoft's TextWorld environment, which is an interactive fiction games platform Use discrete optimization in RL to solve a Rubik's Cube Teach your agent to play Connect 4 using AlphaGo Zero Explore the very latest deep RL research on topics including AI chatbots Discover advanced exploration techniques, including noisy networks and network distillation techniques Who this book is for Some fluency in Python is assumed. Sound understanding of the fundamentals of deep learning will be helpful.

This book is an introduction to deep RL and requires no background in RL

DEEP WEB, NOTEBOOK, NOTES BOOK, 120 PAGES, (6x9) inches in size

It's easier than ever to build a new product. But developing a great product that people actually want to buy and use is another story. Build Better Products is a hands-on, step-by-step guide that helps teams incorporate strategy, empathy, design, and analytics into their development process. You'll learn to develop products and features that improve your business's bottom line while dramatically improving customer experience.

This report contains detailed profiles of twelve of the world's leading platform companies and derives insights from those profiles about what platforms actually do, how they do it, and why they succeed financially.

No, you are not paranoid. They are out to read your email. In this engaging and oddly reassuring text, practitioner Lucas describes Pretty Good Privacy (PGP) and Open Source GPG for moderately skilled computer geeks who are unfamiliar with public-key cryptography but want a cheap solution to security woes. He covers cryptography, installing OPENPGP

Across the ages, technological developments have been accelerated by the military. This results from the fact that able-bodied vibrant youths are generally involved and are also exposed to high-tech training prevailing at their times for assignments (defence and security) that are essential but not desired. They form the Armed Forces for the nations. Such brilliant military officers like Caesar and Napoleon made their marks; and, in contemporary times, the Armed Forces of United States, France, Britain, Australia, etc are making remarkable contributions to technological developments. Such infrastructure as the Internet, the GPS and the cell phones are products that have significant military contributions. This book scans across the major regions of the world, highlights the efforts of representative countries in the regions and observes that nations that have harnessed the efforts of their Armed Forces have progressively developed. It is also observed that developments in America and Europe, though not entirely dependent on their Armed Forces, have been greatly affected by their efforts. In Asia, such countries as the People's Republic of China, Brazil, India, Pakistan and Singapore utilise the human and material resources within the Armed Forces for national growth and cohesion. Development effort is least in the African Region, except South Africa and Egypt; notwithstanding the high potentials as exhibited by Nigeria's Armed Forces. Although attempts to industrialise through the Armed Forces may be able to create economic development for developing nations, such factors as historical background, economic resources, political climate, government policies and infrastructure are equally important. Economic development programme of an aspiring country should: i. promote education and access to knowledge ii. aspire to economic self-sufficiency in economic power iii. allow and promote private sector and foreign participation in defence production, research and development iv. commit itself to the establishment and support of defence industries v. indigenise defence programmes, establish a balance between military and economic development and vi. mobilise the nation's economy through technology partnership with the private sector and foreign investors.

THE ULTIMATE TOR BROWSER & DARKNET GUIDE. Just three questions you need to ask yourself: Do You Value Privacy? Do You Value Freedom? Do You Want to be Anonymous? If yes, then this is your book. Instant anonymity, right now, is yours for the taking. As science fiction author Hugh Howey once stated: When Pursuing a Dream, Don't Wait. This is the ultimate guide with easy instructions to teach you not only Tor but VPNs, Bitcoins, Anti-Hacking, Darknet personas and how to avoid Big Brother. What's inside? Comment anonymously on ANY Website. Tor Browser strategies, Freenet, I2P, Cryptocurrency - How to Buy/Sell Anonymously. Encryption Guides: PGP. Veracrypt. Email. Linux. Windows. Mac. Kali Linux. Android. Burner phones. And much more. Master the Art of Invisibility TODAY!

A new era of innovation is enabled by the integration of social sciences and information systems research. In this context, the adoption of Big Data and analytics technology brings new insight to the social sciences. It also delivers new, flexible responses to crucial social problems and challenges. We are proud to deliver this edited volume on the social impact of big data research. It is one of the first initiatives worldwide analyzing of the impact of this kind of research on individuals and social issues. The organization of the relevant debate is arranged around three pillars: Section A: Big Data Research for Social Impact: • Big Data and Their Social Impact; • (Smart) Citizens from Data Providers to Decision-Makers; • Towards Sustainable Development of Online Communities; • Sentiment from Online Social Networks; • Big Data for Innovation. Section B. Techniques and Methods for Big Data driven research for Social Sciences and Social Impact: • Opinion Mining on Social Media; • Sentiment Analysis of User Preferences; • Sustainable Urban Communities; • Gender Based Check-In Behavior by Using Social Media Big Data; • Web Data-Mining Techniques; • Semantic Network Analysis of Legacy News Media Perception. Section C. Big Data Research Strategies: • Skill Needs for Early Career Researchers—A Text Mining Approach; • Pattern Recognition through Bibliometric Analysis; • Assessing an Organization's Readiness to Adopt Big Data; • Machine Learning for Predicting Performance; • Analyzing Online Reviews Using Text Mining; • Context-Problem Network and Quantitative Method of Patent Analysis. Complementary social and technological factors including: • Big Social Networks on Sustainable Economic Development; Business Intelligence.

Deep web e bitcoin. Vizi privati e pubbliche virtù della navigazione in reteDeep WebVizi privati e pubbliche virtù della navigazione in reteEdizioni Lindau

Bitcoin became a buzzword overnight. A cyber-enigma with an enthusiastic following, it pops up in headlines and fuels endless media debate. You can apparently use it to buy anything from coffee to cars, yet few people seem to truly understand what it is.

This raises the question: Why should anyone care about bitcoin? In *The Age of Cryptocurrency*, Wall Street journalists Paul Vigna and Michael J. Casey deliver the definitive answer to this question. Cybermoney is poised to launch a revolution, one that could reinvent traditional financial and social structures while bringing the world's billions of "unbanked" individuals into a new global economy. Cryptocurrency holds the promise of a financial system without a middleman, one owned by the people who use it and one safeguarded from the devastation of a 2008-type crash. But bitcoin, the most famous of the cybermonies, carries a reputation for instability, wild fluctuation, and illicit business; some fear it has the power to eliminate jobs and to upend the concept of a nation-state. It implies, above all, monumental and wide-reaching change—for better and for worse. But it is here to stay, and you ignore it at your peril. Vigna and Casey demystify cryptocurrency—its origins, its function, and what you need to know to navigate a cyber-economy. The digital currency world will look very different from the paper currency world; *The Age of Cryptocurrency* will teach you how to be ready.

This report improves the evidence base on the role of Data Driven Innovation for promoting growth and well-being, and provide policy guidance on how to maximise the benefits of DDI and mitigate the associated economic and societal risks. Incorporating currencies, payment methods, and protocols that computers use to talk to each other, digital currencies are poised to grow in use and importance. The *Handbook of Digital Currency* gives readers a way to learn about subjects outside their specialties and provides authoritative background and tools for those whose primary source of information is journal articles. Taking a cross-country perspective, its comprehensive view of the field includes history, technicality, IT, finance, economics, legal, tax and regulatory environment. For those who come from different backgrounds with different questions in mind, *The Handbook of Digital Currency* is an essential starting point. Discusses all major strategies and tactics associated with digital currencies, their uses, and their regulations Presents future scenarios for the growth of digital currencies Written for regulators, crime prevention units, tax authorities, entrepreneurs, micro-financiers, micro-payment businesses, cryptography experts, software developers, venture capitalists, hedge fund managers, hardware manufacturers, credit card providers, money changers, remittance service providers, exchanges, and academics Winner of the 2015 "Outstanding Business Reference Source" by the Reference and User Services Association (RUSA)

Si sente parlare sempre più spesso di deep web, dark net, bitcoin e criptovalute, ma quasi mai ci capita di ascoltare qualcuno che abbia provato a capire a cosa questi termini rimandino davvero. Questo libro nasce dalla volontà di fare chiarezza su uno dei fenomeni più misteriosi dell'informatica moderna: un mondo in cui non sembrano vigere le ordinarie leggi dello Stato, in cui la vendita di merci illegali è di casa ed è possibile addirittura assoldare degli assassini, ma in cui, parallelamente, operano e agiscono anche coloro che utilizzano questo strumento per difendere il diritto alla libertà di parola, combattere le dittature e sconfiggere le censure. Il deep web e le dark net rappresentano, molto più della Rete che conosciamo, lo specchio fedele della nostra realtà.

The concept of media as the "fourth estate" is now firmly established as a main principle of modern Western democratic theory. Free and independent media are a key element in democracies, where they play a vital role as a bridge or transmission belt between society and those who govern. The security sector, however, tends to remain resistant to the processes of democratisation and civilian oversight. Legitimised by the concerns of "national security", governments and security elites advance reasons for lack of transparency and low levels of public scrutiny. Despite some attempts to manage public and media relations, the levels of transparency in performing the tasks and communicating them to the media remain less than ideal. The global war on terror and heightened security threats across the world further contribute to the curbing of freedom of expression, access to information and public scrutiny of the security sector activities. This publication examines the complex relationship between Western security structures and the media, and uses it to draw implications for the role of media in the ongoing processes of democratisation and "security sector reform" (SSR) in transitional countries. It thus offers a unique perspective on the convergence of security, governance and media in democratic and democratising contexts.

What is the Deep Web and what are darknets? The book provides a detailed overview of the cybercriminal underground in the hidden part of the web. The book details the criminal activities associated with threat actors, detailing their techniques, tactics, and procedures.

The demand for academic coursework and corporate training programs using the Internet and computer-mediated communication networks increases daily. The development and implementation of these new programs requires that traditional teaching techniques and course work be significantly reworked. This handbook consists of 20 chapters authored by experts in the field of teaching in the online environment to adult students enrolled in graduate university degree programs, corporate training programs, and continuing education courses. The book is organized to first lay a conceptual and theoretical foundation for implementing any online learning program. Topics such as psychological and group dynamics, ethical issues, and curriculum design are covered in this section. Following the establishment of this essential framework are separate sections devoted to the practical issues specific to developing a program in either an academic or corporate environment. Whether building an online learning program from the ground up or making adjustments to improve the effectiveness of an existing program, this book is an invaluable resource.--From Amazon.

Create high-performance, visually stunning 3D applications for the Web, using HTML5 and related technologies such as CSS3 and WebGL—the emerging web graphics standard. With this book, you'll learn how to use the tools, frameworks, and libraries for building 3D models and animations, mind-blowing visual effects, and advanced user interaction in both desktop and mobile browsers. In two parts—Foundations and Application Development Techniques—author Tony Parisi provides a thorough grounding in theory and practice for designing everything from a simple 3D product viewer to immersive games and interactive training systems. Ideal for developers with Javascript and HTML experience. Explore HTML5 APIs and related technologies for creating 3D web graphics, including WebGL, Canvas, and CSS Work with the popular JavaScript 3D rendering and animation libraries Three.js and Tween.js Delve into the 3D content creation pipeline, and the modeling and animation tools for creating killer 3D content Look into several game engines and frameworks for building 3D applications, including the author's Vizi framework Create 3D environments with multiple objects and complex interaction, using examples and supporting code Examine the issues involved in building WebGL-based 3D applications for mobile browsers

Presents an introduction to WebGL development and production concepts to create full 3D applications.

The last decade has seen an incredible growth in the production and distribution of images and other cultural artefacts. The internet is the place where all these cultural products are stored, classified, voted, collected and trashed. What is the impact of this

process on art making and on the artist? Which kind of dialogue is going on between amateur practices and codified languages? How does art respond to the society of information? This is a book about endless archives, image collections, bees plundering from flower to flower and hunters crawling through the online wilderness. Alterazioni Video, Kari Altmann, Cory Arcangel, Gazira Babeli, Kevin Bewersdorf, Luca Bolognesi, Natalie Bookchin, Petra Cortright, Aleksandra Domanovic, Harm van den Dorpel, Constant Dullaart, Hans-Peter Feldmann, Elisa Giardina Papa, Travis Hallenbeck, Jodi, Oliver Laric, Olia Lialina & Dragan Espenshied, Guthrie Lonergan, Eva and Franco Mattes, Seth Price, Jon Rafman, Claudia Rossini, Evan Roth, Travess Smalley, Ryan Trecartin.

Build machine and deep learning systems with the newly released TensorFlow 2 and Keras for the lab, production, and mobile devices Key Features Introduces and then uses TensorFlow 2 and Keras right from the start Teaches key machine and deep learning techniques Understand the fundamentals of deep learning and machine learning through clear explanations and extensive code samples Book Description Deep Learning with TensorFlow 2 and Keras, Second Edition teaches neural networks and deep learning techniques alongside TensorFlow (TF) and Keras. You'll learn how to write deep learning applications in the most powerful, popular, and scalable machine learning stack available. TensorFlow is the machine learning library of choice for professional applications, while Keras offers a simple and powerful Python API for accessing TensorFlow. TensorFlow 2 provides full Keras integration, making advanced machine learning easier and more convenient than ever before. This book also introduces neural networks with TensorFlow, runs through the main applications (regression, ConvNets (CNNs), GANs, RNNs, NLP), covers two working example apps, and then dives into TF in production, TF mobile, and using TensorFlow with AutoML. What you will learn Build machine learning and deep learning systems with TensorFlow 2 and the Keras API Use Regression analysis, the most popular approach to machine learning Understand ConvNets (convolutional neural networks) and how they are essential for deep learning systems such as image classifiers Use GANs (generative adversarial networks) to create new data that fits with existing patterns Discover RNNs (recurrent neural networks) that can process sequences of input intelligently, using one part of a sequence to correctly interpret another Apply deep learning to natural human language and interpret natural language texts to produce an appropriate response Train your models on the cloud and put TF to work in real environments Explore how Google tools can automate simple ML workflows without the need for complex modeling Who this book is for This book is for Python developers and data scientists who want to build machine learning and deep learning systems with TensorFlow. Whether or not you have done machine learning before, this book gives you the theory and practice required to use Keras, TensorFlow 2, and AutoML to build machine learning systems.

Would You Like to Learn Exactly What It Means to be a Hacker & How To Protect Your Identity On The Web? - NOW INCLUDES FREE GIFTS! (see below for details) Have you always secretly admired how tech savvy hackers are? Does the word "hacker" make you think of the cool kids who don't obey society's rules? Or does the idea of someone hacking your system and stealing your data make you break out into a cold sweat? Do you want to understand how hacking works for once and for all? Have you been drawn to the dark side of the web? Do you long for the days when anonymity on the web was the norm rather than the exception? Do you want to experience the web away from all prying eyes and experience real online freedom? Do you want to learn to play safely in the deep web? If the answer to any of these questions is yes, this book will provide you with the answers you've been looking for! In this book we'll delve into the worlds of both Hacking and using Tor to stay anonymous. It might come as a surprise to you is that hacking does not need to mean having mad computer skills. You need to know some basics, naturally, but hacking a computer system is a lot simpler than you might think. And there are a lot of software and tools out there that can help you grow from a hacking novice to a hacking expert in a very short period of time. When it comes to Tor, the deep web, it's one of the last true bastions of freedom on the internet. It is the place that few search engines dare to tread. It is exciting and has a true air of mystery about it. But it's also a place that not too many people know how to access. Now I'm going to let you in on a secret - you can keep your anonymity on the web. You don't have to know how to run elaborate software to delete all your tracks. All you need is a simple program. It's free, it's super-simple to install and run and you can use it today. TOR will do it all for you - it acts as an intermediary so that you don't have to divulge your personal information when you are online. And then it routes your online activity through a number of different secure nodes making it really difficult to track. Could it really be that simple? Despite what you see in the movies, yes it can. But you do need to know the rules. You need to know how the system works and how to get it to work for you. This book is going to show you how to do that. You will learn how to make your first forays into the deep web. And hold your horses, it will be a fun ride. The deep web is totally different from your normal internet. You need to know how to get it to give up its secrets. But, once you do, you will have a blast. In this book, we will look at: How Hacking Works Hacking Networks and Computer Systems Information Gathering Using the Data You Gathered Password Cracking for Beginners Applications to Gain Entry to Systems Wireless Hacking Staying Anonymous on the Deep Web What the TOR network is Whether or not TOR is the answer for you How to get started with TOR quickly and safely How to stay completely anonymous with TOR How to surf the dark web safely What you can expect to find on the dark web ...and much more! Also included for a limited time only are 2 FREE GIFTS, including a full length, surprise FREE BOOK! Take the first step towards becoming an expert hacker while maintaining complete online anonymity today. Click the buy now button above for instant access. Also included are 2 FREE GIFTS! - A sample from one of my other bestselling books, and a full length, FREE BOOK included with your purchase!

"L'impatto economico e sociale di una tecnologia rivoluzionaria" Oltre Bitcoin e al di là del mondo delle cripto valute, la blockchain è una tecnologia che sta rivelando sorprendenti capacità trasformative in molteplici ambiti, con un potenziale cambio di paradigma sul piano sociale oltre che economico. In queste pagine si offre al lettore una rappresentazione dell'intero ecosistema blockchain utilizzando un punto di vista concreto, analizzandone le applicazioni e raccontando casi reali di organizzazioni, aziende e comunità che stanno oggi lavorando intensamente alle sue realizzazioni pratiche. Per comprendere un ecosistema così mutevole e frammentato e non perdersi nella sua complessità, diviene importante mantenere un fil rouge: l'impatto sulla vita di ognuno di noi. Una nuova piattaforma finanziaria, un nuovo modo di vendere e distribuire beni e servizi, nuovi media e social media, un nuovo mercato per l'arte, una nuova identità digitale e una nuova governance (anche politica): questi sono gli ambiti che il libro analizza in dettaglio. Infine, come chiave di lettura trasversale alle varie applicazioni, si considera l'impatto della blockchain sul mondo del lavoro sia per le aziende tradizionali che cercano di incorporare la tecnologia nel proprio modello di business sia per le organizzazioni e comunità native blockchain, che si stanno affacciando oggi sul mercato.

Overzicht van vooral de 20e-eeuwse Nederlandse typografie.

Addresses innovations in technology relating to the energy efficiency of a wide variety of contemporary computer systems and

networks With concerns about global energy consumption at an all-time high, improving computer networks energy efficiency is becoming an increasingly important topic. *Large-Scale Distributed Systems and Energy Efficiency: A Holistic View* addresses innovations in technology relating to the energy efficiency of a wide variety of contemporary computer systems and networks. After an introductory overview of the energy demands of current Information and Communications Technology (ICT), individual chapters offer in-depth analyses of such topics as cloud computing, green networking (both wired and wireless), mobile computing, power modeling, the rise of green data centers and high-performance computing, resource allocation, and energy efficiency in peer-to-peer (P2P) computing networks. Discusses measurement and modeling of the energy consumption method Includes methods for energy consumption reduction in diverse computing environments Features a variety of case studies and examples of energy reduction and assessment Timely and important, *Large-Scale Distributed Systems and Energy Efficiency* is an invaluable resource for ways of increasing the energy efficiency of computing systems and networks while simultaneously reducing the carbon footprint.

This book addresses main issues concerned with the future learning, learning and academic analytics, virtual world and smart user interface, and mobile learning. This book gathers the newest research results of smart learning environments from the aspects of learning, pedagogies, and technologies in learning. It examines the advances in technology development and changes in the field of education that has been affecting and reshaping the learning environment. Then, it proposes that under the changed technological situations, smart learning systems, no matter what platforms (i.e., personal computers, smart phones, and tablets) they are running at, should be aware of the preferences and needs that their users (i.e., the learners and teachers) have, be capable of providing their users with the most appropriate services, helps to enhance the users' learning experiences, and to make the learning efficient.

This book discusses blockchain technology and its potential applications in digital government and the public sector. With its robust infrastructure and append-only record system, blockchain technology is being increasingly employed in the public sector, specifically where trustworthiness and security are of importance. Written by leading scholars and practitioners, this edited volume presents challenges, benefits, regulations, frameworks, taxonomies, and applications of blockchain technology in the public domain. Specifically, the book analyzes the implementation of blockchain technologies in the public sector and the potential reforms it would bring. It discusses emerging technologies and their role in the implementation of blockchain technologies in the public sector. The book details the role of blockchain in the creation of public value in the delivery of public sector services. The book analyzes effects, impacts, and outcomes from the implementation of blockchain technologies in the public sector in select case studies. Providing up-to-date information on important developments regarding blockchain in government around the world, this volume will appeal to academics, researchers, policy-makers, public managers, international organizations, and technical experts looking to understand how blockchain can enhance public service delivery.

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