

# Event Management For Intelligent Beginners

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Bitcoin for Beginners Nick Woods 2021-02-10 Are you looking to learn how you can cash in on the Bitcoin revolution? Have you been hearing about Bitcoin lately in the news and can't seem to wrap your head around what Bitcoin is? Do you wonder how you can start investing in Bitcoin but don't really know what it is and have hesitations around investing in something you don't understand? Do you wish you were able to understand Bitcoin but are afraid that it is too complex and complicated? Have you been searching for a resource to help you understand Bitcoin so you can start investing in cryptocurrencies without fear? If this sounds like you, then keep reading! Bitcoin is a fascinating new-age decentralized currency that is only available online and allows the user to be somewhat anonymous. It is a digital currency that can be used by anyone linked to the Internet and is independent of any region. You keep Bitcoin in a "electronic wallet", much like how you put your money in your wallet or a bank. This is all operated electronically and there is no fiat (paper) money involved. Understanding Bitcoin will help you achieve all of your goals with investing in the cryptocurrency, no matter how big or small they are. Regardless of who you are and what you want to accomplish, the basis of Bitcoin is the same for everyone. This book will help you understand everything you need to know about Bitcoin, blockchain and cryptocurrencies including the benefits and challenges of the new technology, and I will provide you with a step by step guide for achieving a higher level of understanding so you can feel comfortable getting involved with Bitcoin and other cryptocurrencies. Never before has there been a book so gentle in its approach and so effective at understanding Bitcoin from a beginners level. Within these pages, you will discover: -What is Bitcoin In Depth -Why Bitcoin is Important -Comparision of Bitcoin to Fiat currencies -Bitcoin Features -Bitcoin Background / History / Main Highlights -Everything You Need to Know About Blockchain -Blockchain History -Blockchain Application -How Blockchain Works -Bitcoin Versus Blockchain -Bitcoin Mining: How It Works and Facts -How to Mine Bitcoin -Is Bitcoin Mining Profitable -How to Store Bitcoin -Wallet Concept & Cryptocurrency Custody Solutions -How to Invest in Bitcoin -Bitcoin vs Other Assets -Understanding Bitcoin Exchanges AND MUCH MORE! No matter how young or old, how inexperienced or experienced, or what education level you have, this book will be able to help you strengthen your understanding of Bitcoin so you can utilize it in your daily life to achieve the things you want to achieve. The things you want to achieve don't have to be huge goals like building a multi-million dollar investment portfolio (although this book can certainly help), but you can use it to start understanding what all the talk and excitement is about with this new technology. If you're ready to start understanding about Bitcoin, blockchain and cryptocurrency and learn how you can get involved in this groundbreaking opportunity - then look no further. Don't waste another minute, scroll up and hit "BUY NOW" to get started today!

**ECCWS 2021 20th European Conference on Cyber Warfare and Security** Dr Thaddeus Eze 2021-06-24 Conferences Proceedings of 20th European Conference on Cyber Warfare and Security

**The American Phrenological Journal and Repository of Science, Literature and General Intelligence** 1851  
**LACMA Physician** 1996

**Cisco** Toby J. Velte 2001 Cisco: A Beginner's Guide, second edition, offers a solid foundation in Cisco technology by leading the reader from introductory concepts to hands-on implementation. This new edition will contain the following additional and updated material: new coverage of wireless

technologies; new chapter on Cisco business solutions; information on routers and switches will reflect the current Cisco product range including recent products releases; all material on certification will be updated to reflect the current programmes and course objectives; more routing theory; and new material on security, specifically intrusion detection.

*Meeting and Event Planning For Dummies* Susan Friedmann 2003-07-25 Expert advice on how to stage the perfect event every time "A terrific resource of information for anyone in the event-planning business." --James Spellos, CMP, President, Meeting U. Meeting & Event Planning For Dummies is a practical step-by-step guide to the strategies and techniques event-planning professionals use to bring people together. This comprehensive resource covers all the angles from the little details to the big picture to make sure your business meetings and special events come off without a hitch! Praise for Meeting & Event Planning For Dummies "Packed with valuable information in an easy-to-use format. [It] covers all the basics for the meeting planning novice." --Diane Silberstein, President, Diane Silberstein & Associates "A great resource book every event professional should have.... Checklist heaven! We all love our checklists, and this book is full of them!" --Cathy Breden, CAE, CMP

**Encyclopedia of Information Science and Technology, Fourth Edition** Khosrow-Pour, D.B.A., Mehdi 2017-06-20 In recent years, our world has experienced a profound shift and progression in available computing and knowledge sharing innovations. These emerging advancements have developed at a rapid pace, disseminating into and affecting numerous aspects of contemporary society. This has created a pivotal need for an innovative compendium encompassing the latest trends, concepts, and issues surrounding this relevant discipline area. During the past 15 years, the Encyclopedia of Information Science and Technology has become recognized as one of the landmark sources of the latest knowledge and discoveries in this discipline. The Encyclopedia of Information Science and Technology, Fourth Edition is a 10-volume set which includes 705 original and previously unpublished research articles covering a full range of perspectives, applications, and techniques contributed by thousands of experts and researchers from around the globe. This authoritative encyclopedia is an all-encompassing, well-established reference source that is ideally designed to disseminate the most forward-thinking and diverse research findings. With critical perspectives on the impact of information science management and new technologies in modern settings, including but not limited to computer science, education, healthcare, government, engineering, business, and natural and physical sciences, it is a pivotal and relevant source of knowledge that will benefit every professional within the field of information science and technology and is an invaluable addition to every academic and corporate library.

Exhibit Marketing and Trade Show Intelligence Klaus Solberg Söilen 2013-06-12 "Exhibition organizers and venue managers must have a thorough knowledge of their customers and they must be very close to the industries they serve. We must react rapidly to their changing needs and even be ahead of the curve in providing the tools and services which they'll need to successfully meet their business objectives. This book, Exhibit Marketing and Trade Show Intelligence, will assist all those in the exhibition industry to stay on top of trends and changes as we work to improve our customer's ROI and at the same time strengthen our own bottom line." Paul Woodward Managing Director UFI, the Global Association of the Exhibition Industry "The Exhibit and Event industry has been rapidly expanding over the past several

years and offers many global opportunities for a fascinating and rewarding career. Exhibit Marketing & Trade Show Intelligence provides those interested in a career in Exhibit and Event Management a solid foundation on how to become a valuable asset to any organization." Jim Wurm, Executive Director Exhibit & Event Marketers Association (E2MA) "Dr. Klaus Solberg Søilen's book is a vital handbook for all marketers who work with exhibitions as a marketing tool. The book provides clear and extremely useful recommendations for actions before, under and after the exhibition has taken place". Svend Hollensen, author of "Global Marketing"(Pearson) and Associate Professor of International Marketing at the University of Southern Denmark.

Event Project Management Mohamed Salama 2021-01-27 This text provides a unique lens for studying event project management in the era of sustainability, digital transformation, smart cities and rapid development in technology. It discusses and explains how to manage events utilising the sustainable project management model adapted to the specific context of event management.

MICAI 2002: Advances in Artificial Intelligence Carlos Coello Coello 2003-08-01 This book constitutes the refereed proceedings of the Second Mexican International Conference on Artificial Intelligence, MICAI 2002, held in Mérida, Yucatán, Mexico in April 2002. The 56 revised full papers presented were carefully reviewed and selected from more than 85 submissions from 17 countries. The papers are organized in topical sections on robotics and computer vision, heuristic search and optimization, speech recognition and natural language processing, logic, neural networks, machine learning, multi-agent systems, uncertainty management, and AI tools and applications.

Network Security A Beginner's Guide 3/E Eric Maiwald 2012-09-25 Security Smarts for the Self-Guided IT Professional Defend your network against a wide range of existing and emerging threats. Written by a Certified Information Systems Security Professional with more than 20 years of experience in the field, Network Security: A Beginner's Guide, Third Edition is fully updated to include the latest and most effective security strategies. You'll learn about the four basic types of attacks, how hackers exploit them, and how to implement information security services to protect information and systems. Perimeter, monitoring, and encryption technologies are discussed in detail. The book explains how to create and deploy an effective security policy, manage and assess risk, and perform audits. Information security best practices and standards, including ISO/IEC 27002, are covered in this practical resource. Network Security: A Beginner's Guide, Third Edition features: Lingo--Common security terms defined so that you're in the know on the job IMHO--Frank and relevant opinions based on the author's years of industry experience Budget Note--Tips for getting security technologies and processes into your organization's budget In Actual Practice--Exceptions to the rules of security explained in real-world contexts Your Plan--Customizable checklists you can use on the job now Into Action--Tips on how, why, and when to apply new skills and techniques at work

Microsoft SQL Server 2014 Business Intelligence Development Beginner's Guide Reza Rad 2014-05-26 Written in an easy-to-follow, example-driven format, there are plenty of stepbystep instructions to help get you started! The book has a friendly approach, with the opportunity to learn by experimenting. If you are a BI and Data Warehouse developer new to Microsoft Business Intelligence, and looking to get a good understanding of the different components of Microsoft SQL Server for Business Intelligence, this book is for you. It's assumed that you will have some experience in databases systems and T-SQL. This book is will give you a good upshot view of each component and scenarios featuring the use of that component in Data Warehousing and Business Intelligence systems.

**Business Process Management** Dirk Fahland 2020-09-04 This book constitutes the proceedings of the 18th International Conference on Business Process Management, BPM 2020, held in Seville, Spain, in September 2020. The conference was held virtually due to the COVID-19 pandemic. The 27 full papers included in this volume were carefully reviewed and selected from 125 submissions. Two full keynote papers are also included. The papers are organized in topical sections named: foundations; engineering; and management.

MICAI ... 2002

Oracle8i: A Beginner's Guide Michael Abbey 1999-09-29 Learn to use all the features of Oracle8i using this best-selling introduction to Oracle8i.

Dissertation Abstracts International 2007

Investing in DeFi and NFT Projects on Alternative Blockchains Dr.Liew Voon Kiong 2021-07-26 Since founded by Vitalik Buterin in 2014, Ethereum has quickly risen to become the number two cryptocurrency in the world with the potential to challenge Bitcoin's pole position in the future. The usage of Ethereum increased manifold through the ICO wave that swept the whole world in 2017. Though the ICO craze has subsided, the emergence of DeFi and NFT has created a second wave of Ethereum adoption as most DeFi and NFT platforms are built on the Ethereum blockchain. However, Ethereum-based platforms are increasingly facing scalability issues comprising high gas fees and network congestion. Blockchain developers have been trying to solve the Ethereum scalability trilemma by creating so-called layer 2 solutions that feature new consensus protocols like POS and BFT to replace the energy-driven and environmentally unfriendly POW. In recent years, many solutions were proposed to solve the scalability trilemma. Basically, the solutions can be categorized as layer 1 and layer 2. Layer 2 protocols are built on top of the Ethereum Mainnet while layer 1 protocols are completely new kinds of blockchain. Besides that, there are other protocols that cannot be classified as layer 1 or layer 2 solutions but rather as independent blockchains that run parallel to another layer 1 blockchain. One good example is Binance Smart Chain, which is not a layer 1 or layer 2 protocol, but a fork of the Ethereum blockchain. To help readers understand the core concepts of various solutions that attempt to solve the Ethereum scalability trilemma, the book provides detailed descriptions of various DeFi and NFT platforms that have been implemented based on these solutions. Additionally, readers will learn how to invest in these platforms to reap good rewards.

Affective Computing and Intelligent Interaction Ana Paiva 2007-09-04 This book constitutes the refereed proceedings of the Second International Conference on Affective Computing and Intelligent Interaction, ACII 2007. It covers affective facial expression and recognition, affective body expression and recognition, affective speech processing, affective text and dialogue processing, recognizing affect using physiological measures, computational models of emotion and theoretical foundations, and affective sound and music processing.

Cybersecurity: The Beginner's Guide Dr. Erdal Ozkaya 2019-05-27 Understand the nitty-gritty of Cybersecurity with ease Key FeaturesAlign your security knowledge with industry leading concepts and toolsAcquire required skills and certifications to survive the ever changing market needsLearn from industry experts to analyse, implement, and maintain a robust environmentBook Description It's not a secret that there is a huge talent gap in the cybersecurity industry. Everyone is talking about it including the prestigious Forbes Magazine, Tech Republic, CSO Online, DarkReading, and SC Magazine, among many others. Additionally, Fortune CEO's like Satya Nadella, McAfee's CEO Chris Young, Cisco's CIO Colin Seward along with organizations like ISSA, research firms like Gartner too shine light on it from time to time. This book put together all the possible information with regards to cybersecurity, why you should choose it, the need for cyber security and how can you be part of it and fill the cybersecurity talent gap bit by bit. Starting with the essential understanding of security and its needs, we will move to security domain changes and how artificial intelligence and machine learning are helping to secure systems. Later, this book will walk you through all the skills and tools that everyone who wants to work as security personal need to be aware of. Then, this book will teach readers how to think like an attacker and explore some advanced security methodologies. Lastly, this book will deep dive into how to build practice labs, explore real-world use cases and get acquainted with various cybersecurity certifications. By the end of this book, readers will be well-versed with the security domain and will be capable of making the right choices in the cybersecurity field. What you will learnGet an overview of what cybersecurity is and learn about the various faces of cybersecurity as well as identify domain that suits you bestPlan your transition into cybersecurity in

an efficient and effective way Learn how to build upon your existing skills and experience in order to prepare for your career in cybersecurity Who this book is for This book is targeted to any IT professional who is looking to venture in to the world cyber attacks and threats. Anyone with some understanding or IT infrastructure workflow will benefit from this book. Cybersecurity experts interested in enhancing their skill set will also find this book useful.

Microsoft SQL Server 2019: A Beginner's Guide, Seventh Edition  
Dusan Petkovic 2020-01-03 Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Get Up to Speed on Microsoft® SQL Server® 2019 Quickly and Easily Start working with Microsoft SQL Server 2019 in no time with help from this thoroughly revised, practical resource. Filled with real-world examples and hands-on exercises, Microsoft SQL Server 2019: A Beginner's Guide, Seventh Edition starts by explaining fundamental relational database system concepts. From there, you'll learn how to write Transact-SQL statements, execute simple and complex database queries, handle system administration and security, and use powerful analysis and reporting tools. New topics such as SQL and JSON support, graph databases, and support for machine learning with R and Python are also covered in this step-by-step tutorial.

- Install, configure, and customize Microsoft SQL Server 2019
- Create and modify database objects with Transact-SQL statements
- Write stored procedures and user-defined functions
- Handle backup and recovery, and automate administrative tasks
- Tune your database system for optimal availability and reliability
- Secure your system using authentication, encryption, and authorization
- Work with SQL Server Analysis Services, Reporting Services, and other BI tools
- Gain knowledge of relational storage, presentation, and retrieval of data stored in the JSON format
- Manage graphs using SQL Server Graph Databases
- Learn about machine learning support for R and Python

**Expert Oracle9i Database Administration** Sam Alapati  
2008-01-01 This 1,000-page book enables a beginner or intermediate level Oracle DBA or Oracle Developer/Manager to master the art of building and managing complex Oracle 9i databases.

*Future Access Enablers for Ubiquitous and Intelligent Infrastructures* Dragan Perakovic 2021-06-19 This book constitutes the refereed post-conference proceedings of the 5th International Conference on Future Access Enablers for Ubiquitous and Intelligent Infrastructures, FABULOUS 2021, held in May 2021. Due to COVID-19 pandemic the conference was held virtually. This year's conference topic covers security of innovative services and infrastructure in traffic, transport and logistic ecosystems. The 30 revised full papers were carefully reviewed and selected from 60 submissions. The papers are organized in thematic sessions on: Internet of things and smart city; smart environment applications; information and communications technology; smart health applications; sustainable communications and computing infrastructures.

*Trading and Investing for Beginners* Rubén Villahermosa If you have always wanted to learn how to invest in the stock market but never knew how, then read on because this book has been written for you. Investing in the stock markets is not easy, but you can learn even if you have no prior knowledge. All you need is the right resource: TRADING AND INVESTING FOR BEGINNERS. Ruben Villahermosa, Amazon bestseller and independent trader, has created this revolutionary book with which you can learn from scratch everything you need with a simple language away from technicalities. In this book you will learn... How to improve your personal economy with Financial Education. The most used financial theories. The main investment products. ALL the financial jargon, explained. The basics of Technical Analysis. 3 Technical Analysis Methodologies. 4 winning trading strategies. Key Risk Management concepts. (AWESOME) Emotional management, cognitive biases. How to develop a trading plan step by step. How to properly record and review your trades. And how to start taking your first steps. And much more...! Don't wait any longer, BUY THE BOOK NOW and discover how you too can make money in the stock market. Do you want to make money trading the stock market? In this book I tell you everything you need to Trading in the financial markets and start getting profitability from your

savings. The 3 factors you need to become a winning trader or investor

1. Building a winning investment strategy In this book you will learn 4 different types of winning trading strategies that you can implement depending on the market context
2. Implement solid risk management You will apply robust money management strategies and discover advanced techniques for managing trades.
3. Maintain an appropriate market psychology. You will build a statistical and objective mindset, accepting that the market is an environment of uncertainty in which anything can happen at any time. Save Time, Effort and Money Learn about Stock Markets You will discover all the knowledge you need to understand how financial markets work: Market characteristics Main investment products Fundamental concepts and financial jargon You will learn 3 methodologies of Technical Analysis based on the study of the interaction between supply and demand: Price Action Through the study of PRICE ACTION we will learn to identify the context in order to select the type of trading that best suits it. Volume Profile The VSA methodology identifies the intervention or absence of large traders: when they are entering or exiting, as well as the degree of interest and participation they show in the movements. Wyckoff Method The Wyckoff method focuses on the study of ranges. It tries to elucidate which force is in control and where the next move is most likely to be.

A Beginner's Guide to Data Agglomeration and Intelligent Sensing

Amartya Mukherjee 2020-03-02 A Beginners Guide to Data Agglomeration and Intelligent Sensing provides an overview of the Sensor Cloud Platform, Converge-casting, and Data Aggregation in support of intelligent sensing and relaying of information. The book begins with a brief introduction on sensors and transducers, giving readers insight into the various types of sensors and how one can work with them. In addition, it gives several real-life examples to help readers properly understand concepts. An overview of concepts such as wireless sensor networks, cloud platforms, and device-to-cloud and sensor cloud architecture are explained briefly, as is data gathering in wireless sensor networks and aggregation procedures. Final sections explore how to process gathered data and relay the data in an intelligent way, including concepts such as supervised and unsupervised learning, software defined networks, sensor data mining and smart systems. Presents the latest advances in data agglomeration for intelligent sensing Discusses the basic concepts of sensors, real-life applications of sensors and systems, the protocols and applications of wireless sensor networks, the methodology of sensor data accumulation, and real-life applications of Intelligent Sensor Networks Provides readers with an easy-to-learn and understand introduction to the concepts of the cloud platform, Sensor Cloud and Machine Learning

**The Beginner's Guide to Property Investment** Tony Booth  
2004 For author Tony Booth this title represents the culmination of knowledge and experience gained over many years as a professional investor, estate agent, letting agent and author of other property related books. CONTENTS: 1. Why Buy? 2. Assessing Circumstances 3. Daydreams versus Reality 4. Your First Independent Home 5. An Investment Property 6. Buy-To-Let 7. Buying a UK Holiday Home Investment 8. Buying Property Abroad 9. Self-build 10. A Business Enterprise 11. Borrowed Funds 12. The Mortgage Maze 13. Alternative First-Time Investor Solutions 14. Choosing a Lender 15. Assessing the True Cost of Buying 16. Finding Suitable Property 17. Viewing Property 18. Making an Offer 19. Surveying the Property 20. Employing a Solicitor 21. The Legal Process 22. Delays and Problems 23. Preparing for Completion Day 24. Completion Day 25. Essential Tasks After Moving In 26. Dealing with a Financial Shortfall

Metaverse Made Easy Dr.Liew Voon Kiong 2022-01-10 In recent months, the term metaverse has become the newest buzzword in the crypto and gaming space, and start-ups venturing into metaverse have been mushrooming around the globe. These start-ups were able to attract investments from angel investors and VCs. The biggest news this year was the direct listing of Roblox on the New York Stock Exchange in which the company's stock closed at \$69.50 per share, giving the company a market cap of \$38.26 billion. Another sensational story was Epic Games, the company that built Unreal Engine and the popular metaverse game Fortnite. At the time of writing, Epic Games has just completed a \$1 billion round of funding to support the long-term vision for the

metaverse. But all these developments paled in comparison to Facebook changed its name to Meta on 29th Oct 2021, boldly announced its official entry into the metaverse. This was a game-changing milestone, which not only showed that Zuckerberg has continuously strengthened his worldview that "the metaverse is the next stop of the Internet", but also raised the metaverse to the same level of ambition as Musk's vision of colonizing Mars and Google's project to radically extend the human lifespan. Though metaverses have existed for more than two decades particularly in the gaming space like the famous Second Life, Fortnite, Roblox and more, it was neither widely known nor adopted outside the gaming industry. However, with the meteoric rise of the DeFi and NFT applications in the last two years, metaverse suddenly became a buzzword as metaverse platforms were mushrooming by integrating DeFi and NFT into GameFi to create sensational 3D VR experiences and allow users to monetize while playing (aka Play to Earn). Besides gaming, the latest trend shows that there is immense potential in business and commercial metaverse applications. Industries such as tourism, real estate, medicine, engineering, education, event management, manufacturing, town planning and more could benefit greatly from Metaverse. As Metaverse is evolving fast, I have written this book to help you gain a better understanding of the metaverse as well as how to invest in metaverse projects to gain profits from NFT trading, DeFi staking and Play to Earn.

**Microsoft® Office SharePoint® Server 2007: A Beginner's Guide** Ron Gilster 2007-09-11 A step-by-step guide to Microsoft Office SharePoint Server 2007 describes how to set up and configure SharePoint Server, ways to collect and store data, how to build lists and libraries, and how to create portals and Web pages.

**Winning The War In Your Mind** Amoo O. Olaleye 2022-08-08 Have you ever found yourself wondering how you can improve your life, business, or relationship? Many times we become so caught up in the daily tasks and details of our lives that we forget to take a step back and look at the big picture. But one thing is certain, as long as you are alive, you are always improving. This is true for your career, your relationships, your health, your finances, and every single aspect of your life. You will always be improving. One of the main reasons why some people fail to achieve their goals and dreams is because they believe that it's not possible. They are convinced that the task is too big and impossible to be achieved. "The secret to success is getting started. The key to creativity is knowing how to hide your sources. And the courage to say what you think." If you are one of these people, I have great news for you. Our thoughts affect our decisions, so we should be conscious of the kind of thoughts that we think. Your mindset determines your success. If you think you are worthless, you will fail. If you think that you are worthless, your mind will block your potential. It will hinder you to achieve great things in your life. So, you should think that you are worthy and that you have potential. Think of yourself as a winner, not a loser. You should be positive about yourself. Believe that you can achieve whatever you want. You can make anything happen in your life if you believe in yourself. Just keep on going, and you will succeed. This is not just a "self-help" book. It is a practical, self-paced training program that teaches you how to apply these same techniques to anything you want to achieve. I'll walk you through the process step by step, as well as how to implement them in real-life situations.

**Artificial Intelligence in HCI** Helmut Degen 2021-07-03 This book constitutes the refereed proceedings of the Second International Conference on Artificial Intelligence in HCI, AI-HCI 2021, which was held as part of HCI International 2021 and took place virtually during July 24-29, 2021. The total of 1276 papers and 241 posters included in the 39 HCII 2021 proceedings volumes was carefully reviewed and selected from 5222 submissions. The papers included in this volume were organized in topical sections as follows: Ethics, trust and explainability; human-centered AI; AI applications in HCI; and AI applications in smart environments.

**Military Nanotechnology** Jürgen Altmann 2007-05-07 With revolutionary changes in nanotechnology (NT) now on the horizon, many countries have started major research and development (R&D) programmes, which are mainly civilian. Often overlooked are military R&D programmes - in particular those of the US government. This is the first systematic and comprehensive

presentation of the potential military applications of NT. In ten to twenty years, these applications may include extremely small computers, robots, missiles, satellites, launchers and sensors. They may also provide lighter and stronger materials for vehicles and weapons, implants in soldiers' bodies, metal-free firearms, autonomous fighting systems, and smaller chemical and biological weapons. These potential uses raise strong concerns. This assessment is made from a viewpoint of international security, considering the new criteria of dangers for arms control and the international law of warfare, dangers for stability through potential new arms races and proliferation, and dangers for humans and society. Some military applications, such as computers, will be so close to civilian uses that limits are impractical. Others, such as sensors for biological-warfare agents, may contribute to stronger protection against terrorist attacks and better verification of compliance with arms-control treaties. For preventive limitation of these new technologies, specific approaches are proposed that balance positive civilian uses and take into account verification of compliance, with a view to international peace and security, not national military strength. This book will be of great interest to scholars of military technology, non-lethal weapons, disarmament and security studies in general.

**Geospatial Intelligence: Concepts, Methodologies, Tools, and Applications** Management Association, Information Resources 2019-03-01 Decision makers, such as government officials, need to better understand human activity in order to make informed decisions. With the ability to measure and explore geographic space through the use of geospatial intelligence data sources including imagery and mapping data, they are better able to measure factors affecting the human population. As a broad field of study, geospatial research has applications in a variety of fields including military science, environmental science, civil engineering, and space exploration. *Geospatial Intelligence: Concepts, Methodologies, Tools, and Applications* explores multidisciplinary applications of geographic information systems to describe, assess, and visually depict physical features and to gather data, information, and knowledge regarding human activity. Highlighting a range of topics such as geovisualization, spatial analysis, and landscape mapping, this multi-volume book is ideally designed for data scientists, engineers, government agencies, researchers, and graduate-level students in GIS programs.

**Smart Intelligent Computing and Applications** Suresh Chandra Satapathy 2018-10-01 The proceedings covers advanced and multi-disciplinary research on design of smart computing and informatics. The theme of the book broadly focuses on various innovation paradigms in system knowledge, intelligence and sustainability that may be applied to provide realistic solution to varied problems in society, environment and industries. The volume publishes quality work pertaining to the scope of the conference which is extended towards deployment of emerging computational and knowledge transfer approaches, optimizing solutions in varied disciplines of science, technology and healthcare.

**Soft Computing for Business Intelligence** Rafael Espin 2013-12-30 The book *Soft Computing for Business Intelligence* is the remarkable output of a program based on the idea of joint trans-disciplinary research as supported by the Eureka Iberoamerica Network and the University of Oldenburg. It contains twenty-seven papers allocated to three sections: Soft Computing, Business Intelligence and Knowledge Discovery, and Knowledge Management and Decision Making. Although the contents touch different domains they are similar in so far as they follow the BI principle "Observation and Analysis" while keeping a practical oriented theoretical eye on sound methodologies, like Fuzzy Logic, Compensatory Fuzzy Logic (CFL), Rough Sets and other soft computing elements. The book tears down the traditional focus on business, and extends Business Intelligence techniques in an impressive way to a broad range of fields like medicine, environment, wind farming, social collaboration and interaction, car sharing and sustainability.

**Human Interface and the Management of Information. Information-Rich and Intelligent Environments** Sakae Yamamoto 2021-07-03 The two-volume set LNCS 12765-12766 constitutes the refereed proceedings of the thematic area Human Interface and the

Management of Information, HIMI 2021, which was held as part of HCI International 2021 and took place virtually during July 24-29, 2021. The total of 1276 papers and 241 posters included in the 39 HCII 2021 proceedings volumes was carefully reviewed and selected from 5222 submissions. The papers included in the HCII-HIMI volume set were organized in topical sections as follows: Part I: Information presentation; visualization and decision making support; information in VR and multimodal user interfaces; Part II: Learning in information-rich environments; supporting work, collaboration and design; intelligent information environments.

An Introduction to Cyber Security Simplilearn 2019-12-20

Cybersecurity is undoubtedly one of the fastest-growing fields. However, there is an acute shortage of skilled workforce. The cybersecurity beginners guide aims at teaching security enthusiasts all about organizational digital assets' security, give them an overview of how the field operates, applications of cybersecurity across sectors and industries, and skills and certifications one needs to build and scale up a career in this field.

**Optical Networking: A Beginners Guide** Robert C. Elsenpeter 2002-12-20 Learn the basics of optical networking using this practical and easy-to-follow introductory guide. You'll get an overview of concepts behind the technology, as well as helpful information on Cisco, Nortel, and Juniper certifications. Also, a handy 16-page blueprint section offers additional visual instruction.

**Hands-On Artificial Intelligence for Beginners** Patrick D. Smith 2018-10-31 Grasp the fundamentals of Artificial Intelligence and build your own intelligent systems with ease Key Features Enter the world of AI with the help of solid concepts and real-world use cases Explore AI components to build real-world automated intelligence Become well versed with machine learning and deep learning concepts Book Description Virtual Assistants, such as Alexa and Siri, process our requests, Google's cars have started to read addresses, and Amazon's prices and Netflix's recommended videos are decided by AI. Artificial Intelligence is one of the most exciting technologies and is becoming increasingly significant in the modern world. Hands-On Artificial Intelligence for Beginners will teach you what Artificial Intelligence is and how to design and build intelligent applications. This book will teach you to harness packages such as TensorFlow in order to create powerful AI systems. You will begin with reviewing the recent changes in AI and learning how artificial neural networks (ANNs) have enabled more intelligent AI. You'll explore feedforward, recurrent, convolutional, and generative neural networks (FFNNs, RNNs, CNNs, and GNNs), as well as reinforcement learning methods. In the concluding chapters, you'll learn how to implement these methods for a variety of tasks, such as generating text for chatbots, and playing board and video games. By the end of this book, you will be able to understand exactly what you need to consider when optimizing ANNs and how to deploy and maintain AI applications. What you will learn Use TensorFlow packages to create AI systems Build feedforward, convolutional, and recurrent neural networks Implement generative models for text generation Build reinforcement learning algorithms to play games Assemble RNNs, CNNs, and decoders to create an intelligent assistant Utilize RNNs to predict stock market behavior Create and scale training pipelines and deployment architectures for AI systems Who this book is for This book is designed for beginners in AI, aspiring AI developers, as well as machine learning enthusiasts with an interest in leveraging various algorithms to build powerful AI applications.

Artificial Intelligence in Construction Engineering and Management Limao Zhang 2021-06-18 This book highlights the latest technologies and applications of Artificial Intelligence (AI) in the domain of construction engineering and management. The construction industry worldwide has been a late bloomer to adopting digital technology, where construction projects are predominantly managed with a heavy reliance on the knowledge

and experience of construction professionals. AI works by combining large amounts of data with fast, iterative processing, and intelligent algorithms (e.g., neural networks, process mining, and deep learning), allowing the computer to learn automatically from patterns or features in the data. It provides a wide range of solutions to address many challenging construction problems, such as knowledge discovery, risk estimates, root cause analysis, damage assessment and prediction, and defect detection. A tremendous transformation has taken place in the past years with the emerging applications of AI. This enables industrial participants to operate projects more efficiently and safely, not only increasing the automation and productivity in construction but also enhancing the competitiveness globally.

*Intelligent Workloads at the Edge* Indraneel Mitra 2022-01-14 Explore IoT, data analytics, and machine learning to solve cyber-physical problems using the latest capabilities of managed services such as AWS IoT Greengrass and Amazon SageMaker Key Features Accelerate your next edge-focused product development with the power of AWS IoT Greengrass Develop proficiency in architecting resilient solutions for the edge with proven best practices Harness the power of analytics and machine learning for solving cyber-physical problems Book Description The Internet of Things (IoT) has transformed how people think about and interact with the world. The ubiquitous deployment of sensors around us makes it possible to study the world at any level of accuracy and enable data-driven decision-making anywhere. Data analytics and machine learning (ML) powered by elastic cloud computing have accelerated our ability to understand and analyze the huge amount of data generated by IoT. Now, edge computing has brought information technologies closer to the data source to lower latency and reduce costs. This book will teach you how to combine the technologies of edge computing, data analytics, and ML to deliver next-generation cyber-physical outcomes. You'll begin by discovering how to create software applications that run on edge devices with AWS IoT Greengrass. As you advance, you'll learn how to process and stream IoT data from the edge to the cloud and use it to train ML models using Amazon SageMaker. The book also shows you how to train these models and run them at the edge for optimized performance, cost savings, and data compliance. By the end of this IoT book, you'll be able to scope your own IoT workloads, bring the power of ML to the edge, and operate those workloads in a production setting. What you will learn Build an end-to-end IoT solution from the edge to the cloud Design and deploy multi-faceted intelligent solutions on the edge Process data at the edge through analytics and ML Package and optimize models for the edge using Amazon SageMaker Implement MLOps and DevOps for operating an edge-based solution Onboard and manage fleets of edge devices at scale Review edge-based workloads against industry best practices Who this book is for This book is for IoT architects and software engineers responsible for delivering analytical and machine learning-backed software solutions to the edge. AWS customers who want to learn and build IoT solutions will find this book useful. Intermediate-level experience with running Python software on Linux is required to make the most of this book.

**Artificial Intelligence for Knowledge Management**

Mieczysław Lech Owoc 2021-08-05 This book features a selection of extended papers presented at the 7th IFIP WG 12.6 International Workshop on Artificial Intelligence for Knowledge Management, AI4KM 2019, held in Macao, China, in August 2019, in the framework of the International Joint Conference on Artificial Intelligence, IJCAI 2019. The 8 revised and extended papers were carefully reviewed and selected for inclusion in this volume. They present new research and innovative aspects in the field of knowledge management such as machine learning, knowledge models, KM and Web, knowledge capturing and learning, and KM and AI intersections.