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Mahmoud Parsian

Smart Trends in Computing and Communications Yu-Dong Zhang,Tomonobu Senjyu,Chakchai So-In,Amit Joshi,2021-10-25 This book gathers high-quality papers presented at the Fifth International Conference on Smart Trends in Computing and Communications (SmartCom 2021), organized by Global Knowledge Research Foundation (GR Foundation) from March 2 – 3 , 2021. It covers the state of the art and emerging topics in information, computer communications, and effective strategies for their use in engineering and managerial applications. It also explores and discusses the latest technological advances in, and future directions for, information and knowledge computing and its applications.

Computer Security Fundamentals Chuck Easttom,2012 Intended for introductory computer security, network security or information security courses. This title aims to serve as a gateway into the world of computer security by providing the coverage of the basic concepts, terminology and issues, along with practical skills. -- Provided by publisher.

PCI DSS Jim Seaman,2020-05-01 Gain a broad understanding of how PCI DSS is structured and obtain a high-level view of the contents and context of each of the 12 top-level requirements. The guidance provided in this book will help you effectively apply PCI DSS in your business environments, enhance your payment card defensive posture, and reduce the opportunities for criminals to compromise your network or steal sensitive data assets. Businesses are seeing an increased volume of data breaches, where an opportunist attacker from outside the business or a disaffected employee successfully exploits poor company practices. Rather than being a regurgitation of the PCI DSS controls, this book aims to help you balance the needs of running your business with the value of implementing PCI DSS for the protection of consumer payment card data. Applying lessons learned from history, military experiences (including multiple deployments into hostile areas), numerous PCI QSA assignments, and corporate cybersecurity and InfoSec roles, author Jim Seaman helps you understand the complexities of the payment card industry data security standard as you protect cardholder data. You will learn how to align the standard with your business IT systems or operations that store, process, and/or transmit sensitive data. This book will help you develop a business cybersecurity and InfoSec strategy through the correct interpretation, implementation, and maintenance of PCI DSS. What You Will Learn Be aware of recent data privacy regulatory changes and the release of PCI DSS v4.0Improve the defense of consumer payment card data to safeguard the reputation of your business and make it more difficult for criminals to breach securityBe familiar with the goals and requirements related to the structure and interdependencies of PCI DSSKnow the potential avenues of attack associated with business payment operationsMake PCI DSS an integral component of your business operationsUnderstand the benefits of enhancing your security cultureSee how the implementation of PCI DSS causes a positive ripple effect across your business Who This Book Is For Business leaders, information security (InfoSec) practitioners, chief information security managers, cybersecurity practitioners, risk managers, IT operations managers, business owners, military enthusiasts, and IT auditors

The Parish Church of St Mary Magdelene, Yarm Henry Baker Ramsey,Church of Saint Mary Magdelene (YARM),Church of St. Mary Magdalene (Yarm, England),1970-01-01

Reusable News ,1990

Introducing Regular Expressions Michael Fitzgerald,2012-07-10 If you're a programmer new to regular expressions, this easy-to-follow guide is a great place to start. You'll learn the fundamentals step-by-step with the help of numerous examples, discovering first-hand how to match, extract, and transform text by matching specific words, characters, and patterns. Regular expressions are an essential part of a programmer's toolkit, available in various Unix utlilities as well as programming languages such as Perl, Java, JavaScript, and C#. When you've finished this book, you'll be familiar with the most commonly used syntax in regular expressions, and you'll understand how using them will save you considerable time. Discover what regular expressions are and how they work Learn many of the differences between regular expressions used with command-line tools and in various programming languages Apply simple methods for finding patterns in text, including digits, letters, Unicode characters, and string literals Learn how to use zero-width assertions and lookarounds Work with groups, backreferences, character classes, and quantifiers Use regular expressions to mark up plain text with HTML5

How Spies Think David Omand,2020-10-29 LONGLISTED FOR THE ORWELL PRIZE FOR POLITICAL WRITING 2021 'One of the best books ever written about intelligence analysis and its long-term lessons' Christopher Andrew, author of The Defence of the Realm: The Authorized History of MI5 'An invaluable guide to avoiding self-deception and fake news' Melanie Phillips, The Times From the former director of GCHQ, Professor Sir David Omand, learn the methodology used by British intelligence agencies to reach judgements, establish the right level of confidence and act decisively. Full of revealing examples from a storied career, including key briefings with Prime Ministers and strategies used in conflicts from the Cold War to the present, in How Spies Think Professor Omand arms us with the tools to sort fact from fiction, and shows us how to use real intelligence every day.

Business Technology ,2001

Exam 70-411 Administering Windows Server 2012 Microsoft Official Academic Course,2013-03-25 Microsoft Windows Server is a multi-purpose server designed to increase reliability and flexibility of a network infrastructure. Windows Server is the paramount tool used by enterprises in their datacenter and desktop strategy. The most recent versions of Windows Server also provide both server and client virtualization. Its ubiquity in the enterprise results in the need for networking professionals who know how to plan, design, implement, operate, and troubleshoot networks relying on Windows Server. Microsoft Learning is preparing the next round of its Windows Server Certification program with exams covering the new version of the software, Windows Server 2012. The exams and certification path change significantly from the previous version of Windows Server. This provides an opportunity for the MS line to capitalize on the dual disruption of brand-new software and brand-new certifications.

Managing Cyber Risk Martin J. Frappolli,2020

Building Secure and Reliable Systems Heather Adkins,Betsy Beyer,Paul Blankinship,Piotr Lewandowski,Ana Oprea,Adam Stubblefield,2020-03-16 Can a system be considered truly reliable if it isn't fundamentally secure? Or can it be considered secure if it's unreliable? Security is crucial to the design and operation of scalable systems in production, as it plays an important part in product quality, performance, and availability. In this book, experts from Google share best practices to help your organization design scalable and reliable systems that are fundamentally secure. Two previous O'Reilly books from Google—Site Reliability Engineering and The Site Reliability Workbook—demonstrated how and why a commitment to the entire service lifecycle enables organizations to successfully build, deploy, monitor, and maintain software systems. In this latest guide, the authors offer insights into system design, implementation, and maintenance from practitioners who specialize in security and reliability. They also discuss how building and adopting their recommended best practices requires a culture that's supportive of such change. You'll learn about secure and reliable systems through: Design strategies Recommendations for coding, testing, and debugging practices Strategies to prepare for, respond to, and recover from incidents Cultural best practices that help teams across your organization collaborate effectively

Circular Economy in the Construction Industry Sadhan Kumar Ghosh,Sannidhya Kumar Ghosh,Benu Gopal Mohapatra,Ronald L. Mersky,2021-12-22 Circular Economy in the Construction Industry is an invaluable resource for researchers, policymakers, implementers and PhD and Masters-level students in universities analyzing the present status of Construction and Demolition Wastes (C&DW) management, materials development utilizing slag, fly ash, HDPE fibre, geo-wastes, and other wastes, green concrete, soil stabilization, resource circulation in construction sectors, success in experimentation & commercial production, future needs, and future research areas. While huge C&DW is wasted by dumping, there is potential of recycling preventing greenhouse gas (GHG) emissions and environmental pollution as well as creating business opportunities. Circularity of resources in the construction industry can contribute to a more secure, sustainable, and economically sound future through proper policy instruments, management systems, and recycling by selecting the following: Supply chain sustainability and collection of C&D Wastes, Appropriate separation and recycling technology, Enforcement of policy instruments, Productivity, quality control of recycled products and intended end use, Economic feasibility as business case, commercialization, generating employment. This book addresses most of the above issues in a lucid manner by experts in the field from different countries, which are helpful for the related stakeholders, edited by experts in the field.

Computer Security Handbook Seymour Bosworth,Michel E. Kabay,Eric Whyne,2014-03-31

Penetration Testing Fundamentals William Easttom II,2018-03-06 The perfect introduction to pen testing for all IT professionals and students · Clearly explains key concepts, terminology, challenges, tools, and skills · Covers the latest penetration testing standards from NSA, PCI, and NIST Welcome to today's most useful and practical introduction to penetration testing. Chuck Easttom brings together up-to-the-minute coverage of all the concepts, terminology, challenges, and skills you'll need to be effective. Drawing on decades of experience in cybersecurity

and related IT fields, Easttom integrates theory and practice, covering the entire penetration testing life cycle from planning to reporting. You'll gain practical experience through a start-to-finish sample project relying on free open source tools. Throughout, quizzes, projects, and review sections deepen your understanding and help you apply what you've learned. Including essential pen testing standards from NSA, PCI, and NIST, Penetration Testing Fundamentals will help you protect your assets—and expand your career options. LEARN HOW TO · Understand what pen testing is and how it's used · Meet modern standards for comprehensive and effective testing · Review cryptography essentials every pen tester must know · Perform reconnaissance with Nmap, Google searches, and ShodanHq · Use malware as part of your pen testing toolkit · Test for vulnerabilities in Windows shares, scripts, WMI, and the Registry · Pen test websites and web communication · Recognize SQL injection and cross-site scripting attacks · Scan for vulnerabilities with OWASP ZAP, Vega, Nessus, and MBSA · Identify Linux vulnerabilities and password cracks · Use Kali Linux for advanced pen testing · Apply general hacking technique ssuch as fake Wi-Fi hotspots and social engineering · Systematically test your environment with Metasploit · Write or customize sophisticated Metasploit exploits

  Hello, Red (Stories) Kurt Vonnegut,2009-08-25 Look at the Birdie is a collection of fourteen previously unpublished short stories from one of the most original writers in all of American fiction. In this series of perfectly rendered vignettes, written just as he was starting to find his comic voice, Kurt Vonnegut paints a warm, wise, and often funny portrait of life in post—World War II America—a world where squabbling couples, high school geniuses, misfit office workers, and small-town lotharios struggle to adapt to changing technology, moral ambiguity, and unprecedented affluence. "Hello, Red" is a sharply observed homecoming tale in which embittered merchant sailor Red Mayo returns to his small town after nine years at sea. There he confronts the man who ended up marrying the only woman Red ever loved—and stakes a claim on a certain something he left behind. "Hello, Red" and the thirteen other never-before-published pieces that comprise Look at the Birdie serve as an unexpected gift for devoted readers who thought that Kurt Vonnegut's unique voice had been stilled forever—and provide a terrific introduction to his short fiction for anyone who has yet to experience his genius. Other stories from Look at the Birdie available as single-story e-books: On sale September 29, 2009: The Petrified Ants On sale October 20, 2009: Confido FUBAR Shout About It from the Housetops Ed Luby's Key Club A Song for Selma Hall of Mirrors The Nice Little People Little Drops of Water The Honor of a Newsboy Look at the Birdie (Short Story) King and Queen of the Universe The Good Explainer

  Exam 70-410 Installing and Configuring Windows Server 2012 Microsoft Official Academic Course,2013-02-11 This text does not include not include a MOAC Labs Online access code. This 70-410 Installing and Configuring Windows Server 2012 textbook prepares certification students for the first of a series of three exams which validate the skills and knowledge necessary to implement a core Windows Server 2012 Infrastructure into an existing enterprise environment. This Microsoft Official Academic Course is mapped to the 70-410 Installing and Configuring Windows Server 2012 exam objectives. This textbook focuses on real skills for real jobs and prepares students to prove

mastery of core services such as Active Directory and networking services. In addition, this book also covers such valuable skills as: • Managing Active Directory Domain Services Objects • Automating Active Directory Domain Services Administration • Implementing Local Storage • Implementing File and Print Services • Implementing Group Policy • Implementing Server Virtualization with Hyper-V

Scarlet and the Beast I John Daniel,2023-02-26 My research has revealed that there are two separate and opposing powers in Freemasonry. One, headquartered in London, subscribes to and promotes an idolatrous and pantheistic view of the world. It is monarchist, capitalistic, wealthy, right-wing. The other, in Paris, is atheistic and humanistic in origin and outlook. It is republican, socialist, poor, left-wing. One is Scarlet. The other, the Beast. The breakthrough theory which I have developed with Scripture as my guide makes sense of the massive literature I have collected on Freemasonry as well as its apparent contradictions. My library includes books written by members of and defectors from both English and French Freemasonry. At the beginning of my research, like many other revisionist authors, I thought revisionist authors were reporting one single plot. I gradually realized that many authors were exposing what in reality were often the machinations of one group of conspirators against the other. The devices of both wings of Masonry were so similar that without Scripture as a guide, one could easily perceive only a single intrigue. This interesting twist in the historical drama, confirmed again and again by my research, points to the existence of a struggle between the two powers in Freemasonry. Although revisionist authors are supposedly concerned about one plot, I noticed that all exposes pointed to Paris as the center of an intrigue before World War I. After the War, however, evidence points to the shift of intrigue to London. I will explain this shift in the course of this book.

Data Algorithms Mahmoud Parsian,2015-07-13 If you are ready to dive into the MapReduce framework for processing large datasets, this practical book takes you step by step through the algorithms and tools you need to build distributed MapReduce applications with Apache Hadoop or Apache Spark. Each chapter provides a recipe for solving a massive computational problem, such as building a recommendation system. You'll learn how to implement the appropriate MapReduce solution with code that you can use in your projects. Dr. Mahmoud Parsian covers basic design patterns, optimization techniques, and data mining and machine learning solutions for problems in bioinformatics, genomics, statistics, and social network analysis. This book also includes an overview of MapReduce, Hadoop, and Spark. Topics include: Market basket analysis for a large set of transactions Data mining algorithms (K-means, KNN, and Naive Bayes) Using huge genomic data to sequence DNA and RNA Naive Bayes theorem and Markov chains for data and market prediction Recommendation algorithms and pairwise document similarity Linear regression, Cox regression, and Pearson correlation Allelic frequency and mining DNA Social network analysis (recommendation systems, counting triangles, sentiment analysis)

Andocides Andocides,1995 Rational persuasion and appeal to an audience's emotions are elements of most literature, but they are found in their purest form in oratory. The speeches written by the Greek Orators for delivery in law-courts, deliberative councils and assemblies enjoyed an honoured literary status, and rightly so,

for the best of them have great vitality.

  Taronga Victor Kelleher,2013 The great dome of the sky, black, star-sprinkled, arched above him, appearing at that moment so limitless, so vast and free, that the fences and cages of Taronga were dwarfed, reduced to the point where they barely seemed to exist . . . Every so often, there comes a story so brilliant and lively and moving that it cannot be left in the past. Rediscover the magic of our country's most memorable children's books in the Penguin Australia Children's Classics series of stories too precious to leave behind.

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web notice that the mole fraction has no units on it and is written as a decimal value do not change it to percent note of caution you could see the term mole percent it is

simply the mole fraction mltiplied by 100 for example in the problem just below the mole fraction of cinnamic acid is 0 2885 its mole percent would be 28 85

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web since the mole fraction of the o 2 is 0 050 it contributes 0 050 or if you will 5 0 of the total pressure thus total pressure is 0 21 0 050 4 2 atm problem 9 a sample of 1 43 g of helium and an unweighed quantity of o 2 are mixed in a flask at room temperature

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