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WIRELESS INTERNET

11TH EAI INTERNATIONAL CONFERENCE, WICON 2018, TAIPEI, TAIWAN, OCTOBER 15-16, 2018, PROCEEDINGS

Springer *This book constitutes the refereed post-conference proceedings of the 11th International Conference on Wireless Internet , WiCON 2018, held in Taipei, Taiwan, in October 2018. The 36 full papers were selected from 79 submissions and are grouped into the following topics: wireless network, artificial intelligence, security, IoT, location-based services, financial applicatiosn, vehicular ad hoc network, services and applications.*

ABSOLUTE BEGINNER'S GUIDE TO WI-FI WIRELESS NETWORKING

Que Publishing *Provides information on wireless networking, covering such topics as 802.11 standards, hotspots, and setting up a wireless network.*

AUTONOMOUS INDOOR LOCALIZATION USING UNSUPERVISED WI-FI FINGERPRINTING

kassel university press GmbH *Indoor localization is a research domain that aims to locate mobile devices or users in the indoor environments. More and more research has investigated to acquire the location information based upon existing Wi-Fi infrastructure. A technique of using current Wi-Fi data and a fingerprint database containing Wi-Fi fingerprints of desired locations for localization is known as Wi-Fi fingerprinting. Most current approaches for Wi-Fi fingerprinting depend on labor-intensive and time-consuming site*

surveys by professional staff or users to generate a fingerprint database of desired locations. Moreover, these approaches are not satisfactory for long-term localization of mobile devices in practice due to the costly and continuous update of the fingerprint database. In this thesis, we propose an approach to the indoor localization problem, in which we combine the Wi-Fi fingerprinting technique and the place learning technique to learn and update the Wi-Fi fingerprints of significant locations in an unsupervised manner. Significant locations are locations a user spent at least for a while (e.g., 10 minutes) and are most important and highly frequented in people's daily lives. The conventional approaches use labeled Wi-Fi data intentionally collected by professional staff or users and learn Wi-Fi fingerprints of desired locations. Instead, the proposed approach uses unlabeled Wi-Fi data collected in a user's daily life and learns Wi-Fi fingerprints of significant locations related to user's daily trajectory and activities. We implement an autonomous indoor localization system WHERE based on the proposed approach. The system can automatically learn and update Wi-Fi fingerprints of significant locations, and determine the location of the mobile device when it returns to the learned locations. Moreover, we evaluate various measures of performance, in term of the location accuracy, the computational time, the power consumption, the size of a fingerprint database, and the system reliability in a practical use. Performance evaluation shows that the proposed autonomous indoor localization system WHERE is a reliable system for efficient use – being very low-cost to set up and maintain, and showing satisfactory localization performance.

SECURE IT SYSTEMS

24TH NORDIC CONFERENCE, NORDSEC 2019, AALBORG, DENMARK, NOVEMBER 18–20, 2019, PROCEEDINGS

Springer Nature *This book constitutes the refereed proceedings of the 24th Nordic Conference on Secure IT Systems, NordSec 2019, held in Aalborg, Denmark, in November 2019. The 17 full papers presented in this volume were carefully reviewed and selected from 32 submissions. They are organized in topical sections named: privacy; network security; platform security and malware; and system and software security.*

COMPTIA NETWORK+ GUIDE TO NETWORKS

Cengage Learning *Master the technical skills and industry knowledge you need to begin an exciting career installing, configuring and troubleshooting computer networks with West's completely updated NETWORK+ GUIDE TO NETWORKS, 9E. This resource thoroughly prepares you for success on the latest CompTIA's Network+ N10-008 certification exam as content corresponds to all exam objectives, including protocols, topologies, hardware, network design, security and troubleshooting. Detailed, step-by-step instructions as well as cloud, virtualization and simulation projects give you experience working with a variety of hardware, software*

and operating systems as well as device interactions. Stories from professionals on the job, insightful discussion prompts, hands-on activities, applications and projects all guide you in exploring key concepts in-depth. You gain the problem-solving tools for success in any computing environment. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

APPLE TV PORTABLE GENIUS

John Wiley & Sons *Get savvy advice and hip tips on using Apple TV The Portable Genius series is all about getting the most from your Apple-inspired digital lifestyle and the popular and inexpensive Apple TV is no exception. With this helpful guide, you'll find important basics on how to stream Internet content from Netflix, Hulu Plus, YouTube, and iTune. In addition, you'll learn how Apple TV fully integrates with both iOS and OS X and acts as a media hub for viewing content from the iPad, iPhone, iPod, and Mac via an HDTV. Covering everything from simply connecting the device to a home entertainment system through setting up accounts and finding content, this handy resource is packed with tips and tricks that are all aimed at helping you get the most from your Apple TV. Offers little-known tips and tricks for streaming movies from popular services to your Apple TV as well as using Apple TV as a media hub Features detailed guidance on wirelessly connecting to personal computers and tablets Highlights ways in which you can take full advantage of AirPlay and iCloud to stream and share content from your computer or iOS device Small and portable, Apple TV Portable Genius is packed with tips and techniques about the things you most want to know about your Apple TV.*

PERVASIVE COMPUTING

8TH INTERNATIONAL CONFERENCE, PERVASIVE 2010, HELSINKI, FINLAND, MAY 17-20, 2010, PROCEEDINGS

Springer Science & Business Media *th Welcome to the proceedings of the 8 International Conference on Pervasive Computing (Pervasive 2010). After Toronto, Sydney and Nara, the conference has now returned to Europe. Pervasiveis one of the most important conferences in the area of pervasive and ubiquitous computing. Asinthepreviousyear,wehadtwocategoriesoftechnicalpapers:FullPapers and Notes. Pervasive attracted 157 valid submissions, from which the Technical Program Committee (TPC) accepted 24 full papers and one note, resulting in an overall acceptance rate of 16%. The submissions included 628 authors from 27 countries representing all the continents (except Antarctica). As we can see from these ?gures, Pervasive is a truly global highly competitive conference. A major conference such as Pervasive requires a rigorous and objective p- cess for selecting papers. This starts with the selection of a high-quality TPC. We were fortunate to be able to draw on the wisdom and experience of our 28 TPC members, from the most prestigious universities and research labs in - rope, North America, and Asia. This committee was aided by the input of no less than*

238 external reviewers chosen on the basis of their domain knowledge and relevance to pervasive computing. The papers were selected using a double-blind review, with four peer reviews perpaper,adiscussionphaseamongthereviewers,andadiscussionofthepapers in the TPC meeting, which was held in Palo Alto during December 12-13, 2009. We thank Nokia Research Center for hosting the meeting.

THE ULTIMATE IPAD

YOUR DIGITAL LIFE AT YOUR FINGERTIPS

Que Publishing *Use Your iPad to Simplify, De-Clutter, Improve, and De-Stress Your Life! Your iPad. You already know it's fun. But did you know it can save you hours every single week? Did you know it can help you get rid of clutter, annoyances, and stress—both paper and digital? Do you know the tricks and shortcuts for doing more with your iPad than you ever did with your PC or Mac? With The Ultimate iPad, you will—and it'll be easy! One simple step at a time, James Floyd Kelly will help you pick and use the best apps and services to pull together all your content, media, and knowledge: email, Internet, books, movies, TV, personal and work documents, magazines, financial data, and more. Packed with large full-color photos, The Ultimate iPad teaches dozens of amazingly useful techniques you won't find in any other iPad book. You'll discover how to: Totally de-clutter yourself in less than 30 days Use Evernote to organize all your documents on your iPad Set up your "always-available" cloud storage service with 30x to 50x or even unlimited storage space Store your DVD movies in the cloud for anytime/anywhere viewing Inexpensively and legally convert your existing print library to digital Use Dropbox for file transfers and other tasks iTunes can't handle Get rid of print magazine stacks and make your magazines searchable Automate home security with low-cost webcams and your iPad Build a personal reference library with the GoodReader and Pocket apps: never lose a web article again Store an official digital signature you can add to any PDF document Set up Quick-Fix shortcuts that deliver the information you want right now—even if you're offline Create a painless backup system that really works for you—finally!*

ANDROID TIPS AND TRICKS

Que Publishing *Covers All Android™ Smartphones and Tablets Running Android 4.4 (KitKat®) or 4.3 (Jelly Bean) Unlock the Power of Your Android™ Smartphone or Tablet Discover hundreds of tips and tricks you can use right away with your Android device to get more done, and have more fun. You'll learn how to use your Android smartphone or tablet as a powerful communication, organization, and productivity tool as well as a feature-packed entertainment device. You will dig deep into the settings and capabilities of both Android itself and the preinstalled apps, developing the knowledge and skills to exploit them to the fullest. Easy to understand and*

non-technical, Android Tips and Tricks is perfect for beginners–and for more experienced users ready to get more productive or move to newer devices. It covers all new and recent Android smartphones and tablets running Android 4.4 (KitKat®) or 4.3 (Jelly Bean)–with bonus coverage of today's top Android "skins": Samsung TouchWiz and HTC Sense. Here's just a sampling of what this book's tips, tricks, and strategies will help you do: • Connect to wireless and cellular networks, keyboards and Bluetooth devices, and even VPNs • Transform your device into a portable Wi-Fi hotspot, and share Internet connections via USB or Bluetooth • Secure Android with screen and SIM locks, location settings, and encryption • Sideload apps from any source and keep bad apps from loading • Take Gmail to pro level with signatures, vacation responders, labels, archiving, advanced search, and secure two-step verification • Manage multiple email accounts together: POP, IMAP, web mail, and Exchange • Get more out of your Google Chrome browser, and share bookmarks across all your devices • Chat via text, audio, or video on Google Hangouts–and customize it to work just the way you want • Enjoy your music everywhere, whether it's stored locally or in the cloud • Easily capture, edit, and share top-quality photos and videos • Transform your smartphone or tablet into a total social networking hub • Squeeze more battery life from any Android device Guy Hart-Davis is the co-author of My Samsung Galaxy Note 3 and My HTC One, and the author or lead author of nearly 100 computer books.

ANDROID : OPERATE ANDROID

Vijay Kumar Yadav *There are over three billion active monthly Android devices around the world, and in the last year (2021) alone, more than a billion new Android phones have been activated. While the phone is still the most popular form of computing, people are adding more connected technologies to their lives like TVs, cars, watches and more. Getting things done can be much easier if your connected devices all communicate and work together. The openness and flexibility of Android powers phones, watches, tablets, TVs and cars - and it works well with devices like headphones, speakers, laptops and more. Android brings new possibilities to your phone or the many devices in your life. Android's open platform helps people around the globe enjoy greater access to more information and opportunity than ever before. Android is an operating system by Google. On Android, we find the Android phones & Android tablets. This is very easy book on Android. You can understand easily. Android : Operate Android, this book is for everyone. In this book : Section - A, Know Your Android Section - B, Use Android Apps Section - C, Change Android Settings Section - D, Protect Your Android Device Section - E, Get Help With Android*

WI-FI TELEPHONY

CHALLENGES AND SOLUTIONS FOR VOICE OVER WLANS

Elsevier *Wi-Fi telephony is the latest, most cost effective, and clearest way of carrying voice data wirelessly. The great news is that it*

*can be integrated seamlessly into the same infrastructures as currently used for computer and telephone data.The digital quality is far above current cellular technologies. This book will be among the first to discuss Session Initiation Protocol (SIP), Quality of Service (QoS), and interoperability in connection with Wi-Fi telephony. Security challenges are also presented and solved along these malleable wireless boundaries. In short, this book provides all the information necessary for effective, reliable, crystal clear Wi-Fi telephony service and implementation. *Using current telephone and computer infrastructure this technology can be implemented at low cost *The importance of Quality of Service (QoS) and security of Wi-Fi telephony is considered *Enhances the clarity of a call beyond a basic cellular phone using digital data transfer*

MOBILE ENTITY LOCALIZATION AND TRACKING IN GPS-LESS ENVIRONNMENTS

SECOND INTERNATIONAL WORKSHOP, MELT 2009, ORLANDO, FL, USA, SEPTEMBER 30, 2009, PROCEEDINGS

Springer *This volume contains the proceedings of the Second International Workshop on Mobile Entity Localization and Tracking in GPS-less Environments (MELT 2009), held in Orlando, Florida on September 30, 2009 in conjunction with the 11th International Conference on Ubiquitous Computing (Ubicomp 2009). MELT provides a forum for the presentation of state-of-the-art technologies in mobile localization and tracking and novel applications of location-based s- vices. MELT 2009 continued the success of the ?rst workshop in the series (MELT 2008), which was held is San Francisco, California on September 19, 2008 in conjunction with Mobicom. Location-awareness is a key component for achieving context-awareness. - cent years have witnessed an increasing trend towards location-based services and applications. In most cases, however, location information is limited by the accessibility to GPS, which is unavailable for indoor or underground fac- ities and unreliable in urban environments. Much research has been done, in both the sensor network community and the ubiquitous computing community, to provide techniques for localization and tracking in GPS-less environments. Novel applications based on ad-hoc localization and real-time tracking of - bile entities are growing as a result of these technologies. MELT brings together leaders from both the academic and industrial research communities to discuss challenging and open problems, to evaluate pros and cons of various approaches, to bridge the gap between theory and applications, and to envision new research opportunities.*

BECOMING A CRITICAL THINKER

FOR YOUR UNIVERSITY STUDIES AND BEYOND

Becoming a critical thinker is a straight-forward, reassuring, and complete guide to critical thinking - one that helps you to understand

critical thinking and develop the skills needed to employ it. This book supports the reader to not only think critically, but to do so independently, as a student, professional, and global citizen.The book has a clear three-part structure: firstly, examining what critical thinking is; secondly, exploring the three overarching aims of critical thinking; and finally, focussing on how to develop the essential tools to support those aims. This text assumes no prior knowledge or understanding: it has been developed to gently guide the reader from school-level education to university-level thinking in a clear and engaging manner.This is the only critical thinking skills text to offer insights and advice from professionals and students, helping the reader learn from the experiences of others in a range of contexts. Each chapter also offers guided exercises, checklists, and further reading to encourage the reader to apply techniques learnt to real situations. It is also the only text to offer chapters dedicated to listening and speaking, which are often overlooked, but are vitally important skills.This is the ideal introduction to critical thinking for students across all disciplines. Digital formats and resourcesBecoming a Critical Thinker is available for students and institutions to purchase in a variety of formats, and is supported by online resources. - The e-book offers a mobile experience and convenient access along with functionality tools, navigation features, and links that offer extra learning support: www.oxfordtextbooks.co.uk/ebooks- The book's online resources include: For students: - Additional 'student say' features - Links to additional resources - Downloadable Tools Matrix - Downloadable checklists - Fully-customisable argument map - MCQs - Flashcard glossary For lecturers: - Tutorial suggestions - PowerPoint slides

BEGINNING WINDOWS 10

DO MORE WITH YOUR PC

Apress *Beginning Windows 10 takes you through the new features of this amazing new operating system, revealing some of its surprising capabilities, and helping you customize it to suit you. Whether you are new to Windows, or you want to get up to speed with the latest features and changes, this book has everything you need to get started. Author Mike Halsey shows you how to create an environment for school, work, and play that puts the important things at your fingertips, while combining them in ways you never thought possible. Learn how to carry your personalized Windows experience with you as part of your Microsoft account instead of having it tied to one device, while also keeping everything safe, secure and backed up, so you can enjoy peace of mind with your new PC. With the right start, your PC can become a tool that works for you, not against you, and leaves more of your time and energy free for the things that matter to you. Beginning Windows 10 shows you how. What You'll Learn About the ins and outs of the Windows 10 interface and its new features How to personalize your Windows experience to give trouble-free performance How to manage your Microsoft account across different devices and services in the home, at work, and on the move How to maximize your productivity with Windows 10 How to secure and configure Windows 10 to guarantee a safe and secure experience How to use, hack and*

manipulate Windows to enable advanced customization Who This Book Is For Beginning Windows 10 is for people new to Windows or who want to get up to speed with the latest version. This book also can help people who already know how to perform routine tasks learn how to get more out of Windows, their computer and their time. Whether you want to get up and running with Windows 10, or want to go to the next level and learn useful ways to minimize problems, maximize performance, and optimize your overall Windows experience, this book is for you.

RESEARCH ANTHOLOGY ON SECURING MOBILE TECHNOLOGIES AND APPLICATIONS

IGI Global *Mobile technologies have become a staple in society for their accessibility and diverse range of applications that are continually growing and advancing. Users are increasingly using these devices for activities beyond simple communication including gaming and e-commerce and to access confidential information including banking accounts and medical records. While mobile devices are being so widely used and accepted in daily life, and subsequently housing more and more personal data, it is evident that the security of these devices is paramount. As mobile applications now create easy access to personal information, they can incorporate location tracking services, and data collection can happen discreetly behind the scenes. Hence, there needs to be more security and privacy measures enacted to ensure that mobile technologies can be used safely. Advancements in trust and privacy, defensive strategies, and steps for securing the device are important foci as mobile technologies are highly popular and rapidly developing. The Research Anthology on Securing Mobile Technologies and Applications discusses the strategies, methods, and technologies being employed for security amongst mobile devices and applications. This comprehensive book explores the security support that needs to be required on mobile devices to avoid application damage, hacking, security breaches and attacks, or unauthorized accesses to personal data. The chapters cover the latest technologies that are being used such as cryptography, verification systems, security policies and contracts, and general network security procedures along with a look into cybercrime and forensics. This book is essential for software engineers, app developers, computer scientists, security and IT professionals, practitioners, stakeholders, researchers, academicians, and students interested in how mobile technologies and applications are implementing security protocols and tactics amongst devices.*

NETWORKING BIBLE

John Wiley & Sons *Everything you need to set up and maintain large or small networks Barrie Sosinsky Networking Bible Create a secure network for home or enterprise Learn basic building blocks and standards Set up for broadcasting, streaming, and more The book you need to succeed! Your A-Z guide to networking essentials Whether you're setting up a global infrastructure or just*

networking two computers at home, understanding of every part of the process is crucial to the ultimate success of your system. This comprehensive book is your complete, step-by-step guide to networking—from different architectures and hardware to security, diagnostics, Web services, and much more. Packed with practical, professional techniques and the very latest information, this is the go-to resource you need to succeed. Demystify the basics: network stacks, bus architectures, mapping, and bandwidth Get up to speed on servers, interfaces, routers, and other necessary hardware Explore LANs, WANs, Wi-Fi, TCP/IP, and other types of networks Set up domains, directory services, file services, caching, and mail protocols Enable broadcasting, multicasting, and streaming media Deploy VPNs, firewalls, encryption, and other security methods Perform diagnostics and troubleshoot your systems

ADVANCES IN CYBER SECURITY

FIRST INTERNATIONAL CONFERENCE, ACES 2019, PENANG, MALAYSIA, JULY 30 – AUGUST 1, 2019, REVISED SELECTED PAPERS

Springer Nature *This book presents refereed proceedings of the First International Conference on Advances in Cyber Security, ACeS 2019, held in Penang, Malaysia, in July-August 2019. The 25 full papers and 1 short paper were carefully reviewed and selected from 87 submissions. The papers are organized in topical sections on internet of things, industry and blockchain, and cryptology; digital forensics and surveillance, botnet and malware, and DDoS and intrusion detection/prevention; ambient cloud and edge computing, wireless and cellular communication.*

DISTRIBUTED, AMBIENT AND PERVASIVE INTERACTIONS

5TH INTERNATIONAL CONFERENCE, DAPI 2017, HELD AS PART OF HCI INTERNATIONAL 2017, VANCOUVER, BC, CANADA, JULY 9–14, 2017, PROCEEDINGS

Springer *This book constitutes the refereed proceedings of the 5th International Conference on Distributed, Ambient and Pervasive Interactions, DAPI 2017, held as part of the 19th International Conference on Human-Computer Interaction, HCII 2017, held in Vancouver, BC, Canada, in July 2017. The total of 1228 papers presented at the 15 colocated HCII 2017 conferences was carefully reviewed and selected from 4340 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of human-computer interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. This volume contains papers addressing the following major topics: designing and evaluating distributed, ambient and*

pervasive interactions; natural interaction; smart cities; art and cultural heritage in smart environments; smart environments for quality of life; smart environments for learning and creativity; and ambient games and humour.

TAKE CONTROL OF YOUR PAPERLESS OFFICE, 3RD EDITION

alt concepts *Digitize your documents while reducing incoming and outgoing paper! Updated 03/21/2017 Join Joe Kissell as he helps you clear the chaos of an office overflowing with paper. With Joe's guidance you can develop a personal clean-up strategy and choose your Mac-compatible tools—a scanner and the software you need to perform OCR (optical character recognition)—plus devices and services for storing your digitized documents and tools to categorize, locate, and view your digital document collections. Once you have your gear in hand, Joe shows you how to convert your paper documents to digitized files and gives you ideas for how to organize your office workflow, explaining how to develop day-to-day techniques that reduce the amount of time you spend pressing buttons, launching software, and managing documents. Bonus! The book also comes with downloadable "folder action" AppleScripts that simplify the process of OCR-ing PDFs in Adobe Acrobat, ABBYY FineReader Express, PDFpen/PDFpenPro, and Readiris. Save or move a PDF in the appropriate folder, and the script does the rest! You'll master these paper-reducing skills: • Scanning or photographing documents you find while out and about—business cards, receipts, menus, flyers, and more—so you keep only digitized versions. Joe discusses a variety of mobile scanning options, with an emphasis on using a camera-equipped iOS device, but with mention of a few options for Android smartphones. • Creating a digitized image of your signature so you can sign and share documents digitally, rather than printing them for the sole purpose of signing them with a pen. • Setting up your computer to send and receive faxes so you can avoid using a physical fax machine with paper input and output. Joe describes online fax services and using a fax modem (note that fax modem support is not available in macOS 10.12 Sierra). Joe also discusses standard techniques for reducing paper—paperless billing, online bank statements, reducing unwanted catalogs and junk mail, and more, as well as less common practices, such as paperless postal mail services and check depositing services. You'll find answers to numerous questions, including: • What is a searchable PDF, and why is it key to a paperless office? • What differentiates document scanners from other types of scanners? • What's a book scanner? • What if I need a mobile, portable scanner? • What does TWAIN stand for, and should my scanner support it? • Why do I need OCR software, and what features should I look for? • What scanners and OCR products does Joe recommend? • How can I automate my workflow for scanning documents? • How should I name and file my digitized documents? • What paper documents should I keep in physical form? • How do I use common tools to add a signature to a PDF? • How can I access my digital documents remotely? • How should I back up my important digital documents?*

DISTRIBUTED COMPUTING AND INTERNET TECHNOLOGY

14TH INTERNATIONAL CONFERENCE, ICDCIT 2018, BHUBANESWAR, INDIA, JANUARY 11–13, 2018, PROCEEDINGS

Springer *This book constitutes the proceedings of the 14th International Conference on Distributed Computing and Internet Technology, ICDCIT 2018, held in Bhubaneswar, India, in January 2018. The 9 full papers, 11 short papers and 3 poster papers presented in this book were carefully reviewed and selected from 120 submissions. The ICDCIT conference focusses on security and privacy; distributed and multiprocessing approaches; networks protocols and applications; and databases, algorithms, data processing and applications.*

BEACON TECHNOLOGIES

THE HITCHHIKER'S GUIDE TO THE BEACOSYSTEM

Apress *Learn the key standards—iBeacon, Eddystone, Bluetooth 4.0, and AltBeacon—and how they work with other proximity technologies. Then build your understanding of the proximity framework and how to identify and deploy the best solutions for your own business, institutional, or consulting needs. Proximity technology—in particular, Bluetooth beacons—is a major source of business opportunity, and this book provides everything you need to know to architect a solution to capitalize on that opportunity. What You'll Learn Understand the disruptive implications of digital–physical convergence and the new applications it makes possible Review the key standards that solutions developers need to understand to capitalize on the business opportunity of proximity technology Discover the new phenomenon of beacon networks, which will be hugely significant in driving strategic decisions and creating wealth See other technologies in the proximity ecosystem catalyzed by and complementary to Bluetooth beacons, including visual light communication, magnetic resonance, and RFID Examine the Beacosystem framework for analyzing the proximity ecosystem Who This Book Is For Solutions architects of all types—venture capitalists, founders, CEOs, strategists, product managers, CTOs, business developers, and programmers Stephen Statler is a writer, public speaker, and consultant working in the beacon ecosystem. He trains and advises retailers, venue owners, VCs, as well as makers of beacon software and hardware, and is a thought leader in the beacosystem community. Previously he was the Senior Director for Strategy and Solutions Management at Qualcomm's Retail Solutions Division, helping to incubate Gimbal, one of the leading Bluetooth beacons in the market. He is also the CEO of Cause Based Solutions, creators of Give the Change, democratizing philanthropy, enabling non-profit supporters to donate the change from charity*

branded debit cards, and developer of The Good Traveler program. Contributors: Anke Audenaert, CEO, Favrit John Coombs, CEO, Rover Labs Theresa Mary Gordon, Co-Founder, tapGOconnect Phil Hendrix, Director, immr Kris Kolodziej, President, IndoorLBS Patrick Leddy, CEO, Pulsate Ben Parker, VP Business Development, AccelerateIT Mario Proietti, CEO, Location Smart Ray Rotolo, SVP OOH, Gimbal Kjartan Slette, COO, Unacast Jarno Vanto, Partner, Borenius Attorneys LLP David Young, Chief Engineer, Radius Networks Foreword by Asif Khan, President LBMA

INTERNET OF THINGS INTEGRATED AUGMENTED REALITY

Springer Nature *This book discusses the use of converged technology, a rapidly growing area that enhancements smart devices, communication, Internet of things (IoT), and augmented reality (AR). The book also explores the need for convergence of IoT and AR for various purposes, like personalized services, context awareness, and bridging the gap between the physical and digital world. Furthermore, it examines the implementation of IoT and AR in use cases to define pathways that allow application developers to design modern solutions to satisfy requirements like scalability, abstraction and security. Featuring an introduction, and covering sensing techniques, and effective architecture in AR-based IoT real-time use cases, the book also addresses the issues and challenges in designing standard architecture and middleware to support diverse applications. Given its scope, it is a valuable resource for teachers and students in engineering, as well as researchers, developers, and users working in multi-disciplinary areas.*

USING COMPUTERS IN THE LAW OFFICE

Cengage Learning *Focusing on how computers can make paralegals and legal professionals more productive on the job, this bestselling guide offers comprehensive coverage of computer concepts, exploring the latest versions of common programs like Microsoft Word, Excel, and PowerPoint, as well as specialized applications including CaseMap, Clio, HotDocs, TimeMap, and TrialDirector. With a clear and engaging writing style, real-life examples, helpful tutorials, ethical considerations, and up-to-date coverage of the most popular software used in all types of legal organizations, this proven resource helps readers develop the knowledge and skills they need for career success. Detailed Hands-on Exercises allow students to apply what they learn and practice using computers to complete realistic legal work. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.*

WORKING FROM HOME FOR DUMMIES

John Wiley & Sons *In today's modern global economy, working from home is no longer a novelty. Despite the COVID-19 pandemic,*

companies and organizations everywhere are embracing the game-changing benefits of allowing employees to work outside the office, and the results are profound: managers benefit by saving money and resources and by having access to talent outside their zip codes, while employees enjoy greater job opportunities, productivity, independence, and satisfaction—in part from the time saved not commuting. Features a mix of derivative content from top industry experts including: Virtual Teams For Dummies, Organizing DIY For Dummies, Managing For Dummies, 3E, Company Culture For Dummies, Zoom For Dummies, Microsoft Teams For Dummies, Slack For Dummies, Mindfulness For Dummies, 3E and Stretching For Dummies. Plus new content on: - Setting up your work space to ensure success - Setting expectations and boundaries - Virtual team meeting etiquette - Connection strategies to build trust with remote team members - Skills and behaviors that ensure success when working from home

SCALABLE VOIP MOBILITY

INTEGRATION AND DEPLOYMENT

Newnes *Provides practical advice on breaking down the implementation and deployment of voice mobility networks within the office, across the campus, and on the road. Offers a complete primer on enterprise-grade Wi-Fi networking for voice mobility at scale, whether as a single-mode or dual-mode network, including information on the newest 802.11n standard and how these standards directly impact voice mobility. Includes methods of integrating existing or new VoIP networks with 3G+, CDMA 2000, WCDMA, HSPA, and WiMAX cellular networks using fixed/mobile convergence (FMC). This book provides a comprehensive examination of IP-based voice mobility, covering every step in deploying multimodal voice mobility networks. Each segment of the entire voice mobility solution is described with an eye towards the inherent problems of high-scale mobility, from wired infrastructure to end device, across multiple networks and technologies. Voice mobility is introduced and defined at a basic level before the book examines the high-level components of a scalable voice mobility solution. Chapters focus on several types of transport networks in greater depth, including voice quality metrics and testing, high-density enterprise Wi-Fi voice networks, cellular networks, and high-level networking technologies. The security of VoIP networks is also considered. The book explores standalone VoIP networks and finally provides an investigation of the current and upcoming set of fixed/mobile convergence approaches. This book is an invaluable guide for anyone looking towards voice mobility as a solution to real-world business problems: IT managers and executives looking to understand the potential for converting offices to all-wireless; network designers and architects planning on rolling out a fully-mobile voice network; and administrators operating or troubleshooting voice mobility networks. Provides practical advice on breaking down the implementation and deployment of voice mobility networks within the office, across the campus, and on the road. Offers a complete primer on enterprise-grade Wi-Fi networking for voice mobility at scale, whether as a single-mode or dual-mode network, including*

information on the newest 802.11n standard and how these standards directly impact voice mobility. Includes methods of integrating existing or new VoIP networks with 3G+, CDMA 2000, WCDMA, HSPA, and WiMAX cellular networks using fixed/mobile convergence (FMC).

WIRELESS AND MOBILE DEVICE SECURITY

Jones & Bartlett Learning *Written by an industry expert, Wireless and Mobile Device Security explores the evolution of wired networks to wireless networking and its impact on the corporate world.*

SWITCHING TO A MAC FOR DUMMIES

John Wiley & Sons *Learn how to make the switch from PC to Mac a completely smoothtransition The number of Mac users continues to increase significantly eachyear. If you are one of those people and are eager but also anxiousabout making the switch, then fear not! This friendly guide skipsthe jargon to deliver you an easy-to-read, understandableintroduction to the Macintosh computer. Computer guru ArnoldReinhold walks you through the Mac OS, user interface, and icons.You'll learn how to set up your Mac, move your files from your PCto your Mac, switch applications, get your Mac online, network yourMac, secure your Mac, work with the iLife suite, troubleshootcommon problems, and more. Dives in to helping you make the switch from PC to Mac assmooth and effortless as possible Walks you through the latest features of Mac OS X Lion to helpyou take advantage of all the cool things your Mac can do that youmight not know about Offers clear instructions for working with the iLifeapplications, running Windows on your Mac via Boot Camp, networkingyour Mac, and switching your family or your business to a Mac Shares essential advice for troubleshooting common problems andprovides easy tips for keeping your Mac happy Switching to Mac For Dummies, Mac OS X Lion Edition isall you need to switch to a Mac and never look back!*

DATA COMMUNICATION AND COMPUTER NETWORKS: A BUSINESS USER'S APPROACH

Cengage Learning *Whether you are preparing for a career as a business manager, computer programmer or system designer, or you simply want to be an informed home computer user, West's DATA COMMUNICATIONS AND COMPUTER NETWORKS, 9th Edition provides an understanding of the essential features, operations and limitations of today's computer networks. You learn about systems both on premises and in the cloud as the author balances technical concepts with practical, everyday issues. Updates address the latest developments and practices in cloud business principles and security techniques, software-defined networking, 5G, the Internet of Things, data analytics and supporting remote workforces. This edition also covers the CompTIA's Cloud Essentials+*

exam to help you prepare for this vendor-neutral, business-oriented cloud computing certification. Hands-on learning features and thought-provoking content also guide you through virtual networking technologies, industry convergence and wired and wireless LAN technologies. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

MOBILE AND UBIQUITOUS SYSTEMS: COMPUTING, NETWORKING, AND SERVICES

10TH INTERNATIONAL CONFERENCE, MOBIQUITOUS 2013, TOKYO, JAPAN, DECEMBER 2-4, 2013, REVISED SELECTED PAPERS

Springer *This book constitutes the thoroughly refereed post-conference proceedings of the 10th International ICST Conference on Mobile and Ubiquitous Systems: Computing, Networking, and Services, MobiQuitous 2013, held in Tokyo, Japan, in December 2013. The 67 revised full papers presented were carefully reviewed and selected from 141 submissions. The papers and 2 invited talks cover a wide range of topics such as mobile applications, social networks, networking, data management and services.*

MACBOOK PRO PORTABLE GENIUS

John Wiley & Sons *Learn the skills, tools and shortcuts you need in order tomake the most of your MacBook Pro This easy-to-use, compact guide skips the fluff and gets rightto the essentials so that you can maximize all the latest featuresof the MacBook Pro. Packed with savvy insights and tips on keytools and shortcuts, this handy book aims to help you increase yourproductivity and save you time and hassle. From desktop sharing andwireless networking to running Windows applications and more, thisbook shows you what you want to know. Includes the latest version of OS X, iCloud, FaceTime, andmore Covers all the essential tools, topics, and shortcuts on thingslike running Windows applications, using the Intel Ivy Bridgeprocessor, and more Features Genius icons throughout the book that provide smartand innovative ways to handle tasks and save yourself time MacBook Pro Portable Genius, 5th Edition puts you well onthe way to being a pro at using your MacBook Pro!*

E-BUSINESS AND TELECOMMUNICATIONS

6TH INTERNATIONAL JOINT CONFERENCE, ICETE 2009, MILAN, ITALY, JULY 7-10, 2009. REVISED SELECTED PAPERS

Springer *This book constitutes the refereed proceedings of the 6th International Joint Conference on e-Business and Telecommunications, ICETE 2009, held in Milan, Italy, in July 2009. The 34 revised full papers presented together with 4 invited papers in this volume were carefully reviewed and selected from 300 submissions. They have passed two rounds of selection and improvement. The papers are organized in topical sections on e-business; security and cryptography; signal processing and multimedia applications; wireless information networks and systems.*

TEACH YOURSELF VISUALLY COMPLETE OS X MAVERICKS

John Wiley & Sons

IMPLEMENTING INDUSTRY 4.0

THE MODEL FACTORY AS THE KEY ENABLER FOR THE FUTURE OF MANUFACTURING

Springer Nature *This book relates research being implemented in three main research areas: secure connectivity and intelligent systems, real-time analytics and manufacturing knowledge and virtual manufacturing. Manufacturing SMEs and MNCs want to see how Industry 4.0 is implemented. On the other hand, groundbreaking research on this topic is constantly growing. For the aforesaid reason, the Singapore Agency for Science, Technology and Research (A*STAR), has created the model factory initiative. In the model factory, manufacturers, technology providers and the broader industry can (i) learn how I4.0 technologies are implemented on real-world manufacturing use-cases, (ii) test process improvements enabled by such technologies at the model factory facility, without disrupting their own operations, (iii) co-develop technology solutions and (iv) support the adoption of solutions at their everyday industrial operation. The book constitutes a clear base ground not only for inspiration of researchers, but also for companies who will want to adopt smart manufacturing approaches coming from Industry 4.0 in their pathway to digitization.*

CWSP CERTIFIED WIRELESS SECURITY PROFESSIONAL OFFICIAL STUDY GUIDE

EXAM PW0-204

John Wiley & Sons *Sybex is now the official publisher for Certified Wireless Network Professional, the certifying vendor for the CWSP program. This guide covers all exam objectives, including WLAN discovery techniques, intrusion and attack techniques, 802.11 protocol analysis. Wireless intrusion-prevention systems implementation, layer 2 and 3 VPNs used over 802.11 networks, and managed endpoint security systems. It also covers enterprise/SMB/SOHO/Public-Network Security design models and security solution*

implementation, building robust security networks, wireless LAN management systems, and much more.

MACHINE LEARNING AND PRINCIPLES AND PRACTICE OF KNOWLEDGE DISCOVERY IN DATABASES

INTERNATIONAL WORKSHOPS OF ECML PKDD 2021, VIRTUAL EVENT, SEPTEMBER 13-17, 2021, PROCEEDINGS, PART II.

Springer Nature *This two-volume set constitutes the refereed proceedings of the workshops which complemented the 21th Joint European Conference on Machine Learning and Knowledge Discovery in Databases, ECML PKDD, held in September 2021. Due to the COVID-19 pandemic the conference and workshops were held online. The 104 papers were thoroughly reviewed and selected from 180 papers submited for the workshops. This two-volume set includes the proceedings of the following workshops: Workshop on Advances in Interpretable Machine Learning and Artificial Intelligence (AIMLAI 2021) Workshop on Parallel, Distributed and Federated Learning (PDFL 2021) Workshop on Graph Embedding and Mining (GEM 2021) Workshop on Machine Learning for Irregular Time-series (ML4ITS 2021) Workshop on IoT, Edge, and Mobile for Embedded Machine Learning (ITEM 2021) Workshop on eXplainable Knowledge Discovery in Data Mining (XKDD 2021) Workshop on Bias and Fairness in AI (BIAS 2021) Workshop on Workshop on Active Inference (IWAI 2021) Workshop on Machine Learning for Cybersecurity (MLCS 2021) Workshop on Machine Learning in Software Engineering (MLiSE 2021) Workshop on MIning Data for financial applications (MIDAS 2021) Sixth Workshop on Data Science for Social Good (SoGood 2021) Workshop on Machine Learning for Pharma and Healthcare Applications (PharML 2021) Second Workshop on Evaluation and Experimental Design in Data Mining and Machine Learning (EDML 2020) Workshop on Machine Learning for Buildings Energy Management (MLBEM 2021).*

BUILDING YOUR ZILLION DOLLAR APP EMPIRE

SECRETS OF BECOMING A SUCCESSFUL APPRENEUR

The Journal *This phenomenal book makes the process of creating your own Apps a breeze. Christine and Avinash start off with a unique transformational hands-on learning experience with the reader by guiding them step by step using a gamified environment unique to the examples used in this book. All you need is an Android Device (A Phone or Tablet or even a Computer) and the rest is left up to your imagination. This extraordinary book introduces you to App Inventor, a powerful Cloud-Based Visual Block Coding Environment that lets anyone build Mobile Apps instantaneously. Learn App Inventor basics using a Micro Learning approach with this step-by-step guide to building hours of fun filled projects for kids and adults alike. Build a Puppy App and see a Sheltie Puppy 'Barking'*

every time you touch the screen or shake your phone; Build a game of TIC-TAC-TOE and other 3D titles including 3D Pong; Create a Calculator App to show off to your friends; and Build an amazing Selfie App and sell it Online to Monetize on Google Play to start Building Your Zillion $$$ App Empire! The second half of this book features a primer on: HTML 5; CSS 3; jQuery; and JavaScript for the Mobile Apps platform. It helps the reader to understand the fundamentals of the App building process along with digesting small but unique computing concepts. Building your Zillion $$$ App Empire makes an excellent text for beginners and experienced Appreneurs of the App Ecosystem: · Make a Selfie App to take your pictures to the next level; · Create a TODO App and store your routine information on your phone; · Design Gaming Apps with 2D/3D Graphics and Animation using the Canvas Component; · Build a Tic-Tac-Toe App using Bluetooth and other Network Components; · Create Apps that help people during the Covid-19 Pandemic; · Create Event Driven Apps using Custom Animations and Multiple Screens; and · Build Location-Aware and Internet of Things (IoT) enabled Apps with your phone sensors; and store information on Google Drive to develop IoT and Internet Rich Apps. "This is an amazing text for sophomore, high school and university students alike for building Mobile Apps for all age groups. My students loved the examples especially building the Hello Alex App (featuring a Puppy Barking when the phone is shaken) which was extended into building their own creative apps like a Talking Parrot and using a Mirror for Selfie Apps. Overall, this is a great introductory text on Mobile Apps development for Professionals and Novices!" - Dr Marystella Amaldas, Senior Educator, Singapore International. "It is incredible to see how my students were able to build apps from scratch using this book. Personally, I have worked with the authors and they are truly remarkable at bringing such content to the Japanese and Taiwanese students. A void honestly filled by one's research in one's academic endeavors. Congratulations (Omedetou gozaimasu - おめでとうございます) on a job well done!" - Miki Yuasa, Consultant, Aries Group, India.

RF POSITIONING: FUNDAMENTALS, APPLICATIONS, AND TOOLS

Artech House *This new resource presents a comprehensive view of radio-frequency (RF) positioning. The book is organized to allow readers to progress at a fast pace, from the fundamentals of RF positioning, to the use of advanced tools such as artificial intelligence algorithms and application development environments. The first part of the book covers the fundamentals of RF localization. The second part addresses the application of those fundamentals in several types of wireless networks and technologies as Cellular Networks, Wi-Fi, Bluetooth, Sensor Networks, Ultra Wide Band, and Global Navigation Satellite Systems. The third part brings several tools to allow rapid development of positioning applications for mobile devices, as well as to support implementation, usage, deployment, and research of localization algorithms. This book presents numerous MATLAB examples, accompanied by the corresponding MATLAB code, made available at the book website. The MATLAB code to most figures is also provided, as well as*

databases of measurements collected during experiments conducted both in cellular and Wi-Fi networks. The book also is accompanied by Android source codes of the example apps developed in Chapter 10.

OS X HINTS, SNOW LEOPARD (MACWORLD SUPERGUIDES)

Macworld *When it comes to uncovering your Mac's hidden powers, there's no better resource than MacOSXHints.com, a collaborative Website that lets Mac users share their favorite tips and tricks. In fact, over the past ten years, the site has collected more than 13,000 hints. We've done more than just copying-and-pasting the hints from the site, though. We've also rewritten them all in a clear, straightforward fashion, complete with screenshots, to make them as easy-to-use as possible. We've tried to address nearly every aspect of Snow Leopard, including customizing the look of Finder windows, searching hidden system files with Spotlight, and making the most of OS X navigation tools like Quick Look, Exposé, and Spaces. Save time with undocumented shortcuts and unlock powerful file sharing and printing features. Follow the step-by-step advice on squeezing more power from OS X's productivity programs, including Mail, iCal, and iChat. Track down anything online and stay organized with Safari tips. Finally, take a trip to Terminal. If you're new to OS X's command-line interface, we'll show you how to get started and how to protect yourself from dangerous actions. If you're a command-line veteran, you'll find tips for taking advantage of hidden commands and strategies for working in Terminal more efficiently. And yes, if you are still using Leopard, we've still have the previous version of this book available. If you're looking to get the most out of Snow Leopard, this book is a great way to help you do just that. And once you're up to speed, we encourage you to share the wealth-post your own discoveries and tips at www.macosxhints.com.*

DISSECTING THE HACK: THE F0RB1DD3N NETWORK, REVISED EDITION

Syngress *Dissecting the Hack: The F0rb1dd3n Network, Revised Edition, deals with hackers and hacking. The book is divided into two parts. The first part, entitled "The F0rb1dd3n Network, tells the fictional story of Bob and Leon, two kids caught up in an adventure where they learn the real-world consequence of digital actions. The second part, "Security Threats Are Real (STAR), focuses on these real-world lessons. The F0rb1dd3n Network can be read as a stand-alone story or as an illustration of the issues described in STAR. Throughout The F0rb1dd3n Network are "Easter eggs —references, hints, phrases, and more that will lead readers to insights into hacker culture. Drawing on The F0rb1dd3n Network, STAR explains the various aspects of reconnaissance; the scanning phase of an attack; the attacker's search for network weaknesses and vulnerabilities to exploit; the various angles of attack used by the characters in the story; basic methods of erasing information and obscuring an attacker's presence on a computer system; and the underlying hacking culture. Revised edition includes a completely NEW STAR Section (Part 2) Utilizes actual hacking and security tools*

in its story- helps to familiarize a newbie with the many devices and their code Introduces basic hacking techniques in real life context for ease of learning

SECURE OPERATIONS TECHNOLOGY

Lulu.com *IT-SEC protects the information. SEC-OT protects physical, industrial operations from information, more specifically from attacks embedded in information. When the consequences of compromise are unacceptable ? unscheduled downtime, impaired product quality and damaged equipment ? software-based IT-SEC defences are not enough. Secure Operations Technology (SEC-OT) is a perspective, a methodology, and a set of best practices used at secure industrial sites. SEC-OT demands cyber-physical protections - because all software can be compromised. SEC-OT strictly controls the flow of information ? because all information can encode attacks. SEC-OT uses a wide range of attack capabilities to determine the strength of security postures - because nothing is secure. This book documents the Secure Operations Technology approach, including physical offline and online protections against cyber attacks and a set of twenty standard cyber-attack patterns to use in risk assessments.*