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EKWG3K - EMERSON LYONS

The Ultimate AndroiDAQ Guide is an in--depth look into the techniques of data acquisition and process control, using the parallel processing micro-controller on the AndroiDAQ module. It teaches you sensing and electronic drive circuits, and how to implement these circuits in programming languages like Android, LabVIEW, Java, and Python. The book also shows you how to leverage and use the menu command structure used in the AndroiDAQ open source firmware, for the many data acquisition tasks that are used in robotic and product design. Many examples are given to allow you to control your AndroiDAQ module in ways other popular development modules can not, via USB, Bluetooth, or Wi-Fi communication. It is a guide to help you make your next project be part of the Internet of Things.

You don't need a technical background to build powerful databases with FileMaker Pro 13. This crystal-clear guide covers all new FileMaker Pro 13 features, such as its improved layout tools and enhanced mobile support. Whether you're running a business, printing a catalog, or planning a wedding, you'll learn how to customize your database to run on a PC, Mac, Web browser, or iOS device. The important stuff you need to know: Get started. Tour FileMaker Pro's features and create your first database in minutes. Access data anywhere. Use FileMaker Go on your iPad or iPhone--or share data on the Web. Dive into relational data. Solve problems quickly by connecting and combining data tables. Create professional documents. Publish reports, invoices, catalogs, and other documents with ease. Harness processing power. Use calculations and scripts to crunch numbers, search text, and automate tasks. Add visual power and clarity. Create colorful charts to illustrate and summarize your data. Share your database on a secure server. Add the high-level features of File-

Maker Pro Advanced and FileMaker Pro Server.

Annotation With the iOS 8.1 software and the new iPhone 6 and 6 Plus, Apple has taken its flagship products into new realms of power and beauty. The modern iPhone comes with everythingcamera, music player, Internet, flashlightexcept a printed manual. Fortunately, David Pogue is back with this expanded edition of his witty, full-color guide: the worlds most popular iPhone book. The iPhone 6 and 6 Plus. This book unearths all the secrets of the newest iPhones. Bigger screens, faster chips, astonishing cameras, WiFi calling, Apple Pay, crazy thin. The iOS 8.1 software. Older iPhone models gain predictive typing, iCloud Drive, Family Sharing, "Hey Siri," the Health app, and about 195 more new features. Its all here, in these pages. The apps. That catalog of 1.3 million add-on programs makes the iPhones phone features almost secondary. Now youll know how to find, exploit, and troubleshoot those apps. The iPhone may be the worlds coolest computer, but its still a computer, with all of a computers complexities. iPhone: The Missing Manual is a funny, gorgeously illustrated guide to the tips,

shortcuts, and workarounds that will turn you, too, into an iPhone master.

Galaxy S4 is amazing right out of the box, but if you want to get the most of out your S4 or S4 Mini, start here. With clear instructions and savvy advice from technology expert Preston Gralla, you'll learn how to go online, play games, listen to music, watch movies & TV, monitor your health, and answer calls with a wave of your hand. The important stuff you need to know: Be connected. Browse the Web, manage email, and download apps through WiFi or S4's 3G/4G network. Navigate without touch. Use Air Gestures with your hand, or scroll with your eyes using Smart Screen. Find new ways to link up. Chat, videochat, and add photos, video, or entire slideshows to text messages. Get together with Group Play. Play games or share pictures, documents, and music with others nearby. Create amazing images. Shoot and edit photos and videos—and combine images from the front and back cameras. Keep music in the cloud. Use Google Play Music to store and access tunes. Check your schedule. Sync the S4 with your Google and Outlook calendars.

Master the Metasploit Framework and become an expert in penetration testing. Key FeaturesGain a thorough understanding of the Metasploit FrameworkDevelop the skills to perform penetration testing in complex and highly secure environmentsLearn techniques to integrate Metasploit with the industry's leading toolsBook Description Most businesses today are driven by their IT infrastructure, and the tiniest crack in this IT network can bring down the entire business. Metasploit is a pentesting network that can validate your system by performing elaborate penetration tests using the Metasploit Framework to secure your infrastructure. This Learning Path introduces you to the basic functionalities and applications of Metasploit. Throughout this book, you'll learn different techniques for programming Metasploit modules to validate services such as databases, fingerprinting, and scanning. You'll get to grips with post exploitation and write quick scripts to gather information from exploited systems. As you progress, you'll delve into real-world scenarios where performing penetration tests are a challenge. With the help of these case studies, you'll explore client-side attacks using Metasploit and a

variety of scripts built on the Metasploit Framework. By the end of this Learning Path, you'll have the skills required to identify system vulnerabilities by using thorough testing. This Learning Path includes content from the following Packt products: Metasploit for Beginners by Sagar RahalkarMastering Metasploit - Third Edition by Nipun JaswalWhat you will learnDevelop advanced and sophisticated auxiliary modulesPort exploits from Perl, Python, and many other programming languagesBypass modern protections such as antivirus and IDS with MetasploitScript attacks in Armitage using the Cortana scripting languageCustomize Metasploit modules to modify existing exploitsExplore the steps involved in post-exploitation on Android and mobile platformsWho this book is for This Learning Path is ideal for security professionals, web programmers, and pentesters who want to master vulnerability exploitation and get the most of the Metasploit Framework. Basic knowledge of Ruby programming and Cortana scripting language is required.

There are more than one billion Android devices in use today, each one a potential target. Unfortunately, many fundamental Android security features have been little more than a black box to all but the most elite security professionals—until now. In Android Security Internals, top Android security expert Nikolay Elenkov takes us under the hood of the Android security system. Elenkov describes Android security architecture from the bottom up, delving into the implementation of major security-related components and subsystems, like Binder IPC, permissions, cryptographic providers, and device administration. You'll learn: –How Android permissions are declared, used, and enforced –How Android manages application packages and employs code signing to verify their authenticity –How Android implements the Java Cryptography Architecture (JCA) and Java Secure Socket Extension (JSSE) frameworks –About Android's credential storage system and APIs, which let applications store cryptographic keys securely –About the online account management framework and how Google accounts integrate with Android –About the implementation of verified boot, disk encryption, lockscreen, and other device security features –How Android's bootloader and recovery OS are used to perform full system updates, and how to obtain root access With its unprecedented level of depth and detail, Android Security Internals is a must-have for any security-minded Android developer.

This collection of research papers provides extensive information on deploying services, concepts, and approaches for using open linked data from libraries and other cultural heritage institutions. With a special emphasis on how libraries and other cultural heritage institutions can create effective end user interfaces using open, linked data or other datasets. These papers are essential reading for any one interesting in user interface design or the semantic web.

Are you an Android Java programmer who needs more performance? Are you a C/C++ developer who doesn't want to bother with the complexity of Java and its out-of-control garbage collector? Do you want to create fast intensive multimedia applications or games? If you've answered yes to any of these questions then this book is for you. With some general knowledge of C/C++ development, you will be able to dive headfirst into native Android development.

This book constitutes the refereed proceedings of the International Conference on Technology in Education, ICTE 2014, held in Hong Kong, in July 2014. The 18 revised full papers and 4 short papers presented were carefully reviewed and selected from 45 submissions. The papers are organized in topical sections on application of mobile technologies in e-learning; technology advancement in e-learning systems; innovations in e-learning pedagogy; open education and institution e-learning policy.

There are many Android programming guides that give you the basics. This book goes beyond simple apps into many areas of Android development that you simply will not find in competing books. Whether you want to add home screen app widgets to your arsenal, or create more complex maps, integrate multimedia features like the camera, integrate tightly with other applications, or integrate scripting languages, this book has you covered. Moreover, this book has over 50 pages of Honeycomb-specific material, from dynamic fragments, to integrating navigation into the action bar, to creating list-based app widgets. It also has a chapter on using NFC, the wireless technology behind Google Wallet and related services. This book is one in CommonsWare's growing series of Android related titles, including "The Busy Coder's Guide to Android Development," "Android Programming Tutorials," and the upcoming "Tuning Android Applications." Table of Contents WebView, Inside and Out Crafting Your Own Views More Fun With ListViews Creating Drawables Home Screen App Widgets Interactive Maps Creating Custom Dialogs and Preferences Advanced Fragments and the Action Bar Animating Widgets Using the Camera Playing Media Handling System Events Advanced Service Patterns Using System Settings and Services Content Provider Theory Content Provider Implementation Patterns The Contacts ContentProvider Searching with SearchManager Introspection and Integration Tapjacking Working with SMS More on the Manifest Device Configuration Push Notifications with C2DM NFC The Role of Scripting Languages The Scripting Layer for Android JVM Scripting Languages Reusable Components Testing Production

Featuring more than 1700 clinical, pathological and surgical photographs, this atlas is a comprehensive reference guide to the diagnosis and management of numerous obstetrical and gynaecological disorders. Divided into two sections (obstetrics and gynaecology), each section is further divided into sub sections covering key clinical aspects and disorders in each of the disciplines. Presented in an easy to read three column format throughout, each topic provides high quality photographs with a concise, clinical description, and management techniques. Each chapter includes 'Evidence based breakthrough facts' with source details, for further research. Key points Comprehensive reference to diagnosis and management of obstetrical and gynaecological disorders Features more than 1700 full colour clinical, pathological and surgical photographs and illustrations Easy to read, three column format Evidence based breakthrough facts with source included in each chapter

McGraw-Hill is proud to introduce the fourth edition of Jane and Charles Holcombe's, Survey of Operating Systems. This title provides an introduction to the most widely used desktop operating systems (including Windows 8, Mac OS, and Linux) and includes a more visual approach with more illustrations and a more interactive approach with hands-on activities to result

in students building a successful foundation for IT success.

Create must-have applications for the latest Android OS The Android OS is a popular and flexible platform for many of today's most in-demand mobile devices. This full-color guide offers you a hands-on introduction to creating Android applications for the latest mobile devices. Veteran author Wei Meng Lee accompanies each lesson with real-world examples to drive home the content he covers. Beginning with an overview of core Android features and tools, he moves at a steady pace while teaching everything you need to know to successfully develop your own Android applications. Explains what an activity is and reviews its lifecycle Zeroes in on customizing activities by applying styles and themes Looks at the components of a screen, including LinearLayout, AbsoluteLayout, and RelativeLayout, among others Details ways to adapt to different screen sizes and adjust display orientation Reviews the variety of views such as TextView, ProgressBar, TimePicker, and more Beginning Android Application Development pares down the most essential steps you need to know so you can start creating Android applications today.

Fitness Professional's Handbook, Seventh Edition With HKPropel Access, provides current and future fitness professionals with the knowledge to screen participants, conduct standardized fitness tests, evaluate the major components of fitness, and prescribe appropriate exercise. The text uses the latest standards, guidelines, and research from authorities in the field to prepare readers for certification and arm them with the knowledge to work with a variety of clients and populations. This full-color text incorporates information from the 10th edition of ACSM's Guidelines for Exercise Testing and Prescription and the Physical Activity Guidelines for Americans exercise and physical activity recommendations for adults, older adults, children, and those with special needs. The text embraces the importance of communication between allied health and medical professionals with those in the fitness arena to provide readers with a foundation for prescribing exercise and delivering need- and goal-specific physical activity and fitness programs. Every chapter has been updated, allowing readers to explore the newest theories and research findings and apply them to real-world situations. The following are among the most significant changes to the seventh edition: Related online content delivered via HKPropel that includes an online video library containing 24 video clips to help readers better apply key techniques covered in the book, as well as fillable forms that students can use beyond the classroom A new chapter, "Training for Performance," helps professionals expand their practice to work with recreational athletes who have performance-related goals New information, including the consequences of exercise-induced muscle damage (rhabdomyolysis), devices used to track physical activity and estimate energy expenditure (e.g., accelerometers), relative flexibility and the role of lumbopelvic rhythm in back function, the importance of progression in an exercise prescription, and the professional standard of care associated with HIIT programs reflects recent topics of interest and research Updated statistics on CVD and CHD from the American Heart Association, adult and childhood obesity, and the prevalence of COPD, asthma, bronchitis, and emphysema ensure accurate represen-

tation of data With a comprehensive and practical approach, this text enables readers to help individuals, communities, and groups gain the benefits of regular physical activity in a positive and safe environment. It provides background to the field, scientific fundamentals, and up-to-date recommendations to help readers better understand the role of physical activity in the quality of life and guidelines for screening, testing, supervising, and modifying activity for various populations. Note: A code for accessing HKPropel is not included with this ebook but may be purchased separately.

Becoming a master of networking has never been easier Whether you're in charge of a small network or a large network, Networking All-in-One is full of the information you'll need to set up a network and keep it functioning. Fully updated to capture the latest Windows 10 releases through Spring 2018, this is the comprehensive guide to setting up, managing, and securing a successful network. Inside, nine minibooks cover essential, up-to-date information for networking in systems such as Windows 10 and Linux, as well as best practices for security, mobile and cloud-based networking, and much more. Serves as a single source for the most-often needed network administration information Covers the latest trends in networking Get nine detailed and easy-to-understand networking minibooks in one affordable package Networking All-in-One For Dummies is the perfect beginner's guide as well as the professional's ideal reference book.

Security sensitive microbes (viruses, bacteria, fungi, and parasites) and toxins, which are often referred to as the select agents and toxins, have the capacity to cause serious illness and death in humans, animals, and plants. Throughout history, these microbes and toxins have been exploited in one form or another as biowarfare and bioterror agents that create fear and panic well beyond any actual physical damages they might cause. Manual of Security Sensitive Microbes and Toxins provides comprehensive, state-of-the-art coverage of microbes and toxins of biosecurity concern. The ultimate goal is to increase our awareness of these agents and enhance our preparedness against any future bio-emergencies. The book begins with an introduction containing a brief overview of the historical aspects of security sensitive microbes and toxins. This is followed by a concise summary of the current status in relation to the regulation of security sensitive microbes and toxins and a discussion of future development trends. The book is divided into seven parts: Microbes and Toxins Affecting Humans and Animals: Viruses Microbes and Toxins Affecting Human and Animals: Bacteria Microbes and Toxins Affecting Human and Animals: Fungus and Parasite Microbes and Toxins Affecting Human and Animals: Toxins Microbes Affecting Animals: Viruses Microbes Affecting Animals: Bacteria Microbes Affecting Plants Written by experts in the relevant areas of research, the chapters are authoritative reviews, each one covering a single microbe or toxin with respect to its classification, biology, epidemiology, pathogenesis, identification, diagnosis, treatment, and prevention. The chapters also discuss the limitations of our current knowledge and challenges relating to improved detection and control of the microbe or toxin.

More than 100,000 entrepreneurs rely on this book for detailed, step-by-step instructions on building successful, scalable, profitable startups. The National Science

Foundation pays hundreds of startup teams each year to follow the process outlined in the book, and it's taught at Stanford, Berkeley, Columbia and more than 100 other leading universities worldwide. Why? The Startup Owner's Manual guides you, step-by-step, as you put the Customer Development process to work. This method was created by renowned Silicon Valley startup expert Steve Blank, co-creator with Eric Ries of the "Lean Startup" movement and tested and refined by him for more than a decade. This 608-page how-to guide includes over 100 charts, graphs, and diagrams, plus 77 valuable checklists that guide you as you drive your company toward profitability. It will help you: • Avoid the 9 deadly sins that destroy startups' chances for success • Use the Customer Development method to bring your business idea to life • Incorporate the Business Model Canvas as the organizing principle for startup hypotheses • Identify your customers and determine how to "get, keep and grow" customers profitably • Compute how you'll drive your startup to repeatable, scalable profits. The Startup Owner's Manual was originally published by K&S Ranch Publishing Inc. and is now

available from Wiley. The cover, design, and content are the same as the prior release and should not be considered a new or updated product.

My Samsung Galaxy S5 for Seniors helps you quickly get started with the new smartphone and use its features to look up information and perform day-to-day activities from anywhere, any time. Step-by-step instructions for the tasks you care about most Large, full-color, close-up photos show you exactly what to do Common-sense help whenever you run into problems Tips and notes to help you do even more Written for seniors by a senior, the full-color, step-by-step tasks—in legible print—walk you through getting and keeping your Samsung Galaxy S5 working just the way you want. • Learn all the basics—and the easiest, best shortcuts • Set up contacts, accounts, and voicemail • Make and receive calls—even three-way calls • Switch to Vibrate or Airplane Mode • Explore the Web • Connect with family on Facebook • Customize your phone's settings • Master the art of texting • Take great photos—and share them • Get driving directions • Watch TV and movies • Discover great new apps • Keep your

phone safe and secure
Become well-versed with forensics for the Android, iOS, and Windows 10 mobile platforms by learning essential techniques and exploring real-life scenarios Key Features-Apply advanced forensic techniques to recover deleted data from mobile devicesRetrieve and analyze data stored not only on mobile devices but also on the cloud and other connected mediumsUse the power of mobile forensics on popular mobile platforms by exploring different tips, tricks, and techniquesBook Description Mobile phone forensics is the science of retrieving data from a mobile phone under forensically sound conditions. This updated fourth edition of Practical Mobile Forensics delves into the concepts of mobile forensics and its importance in today's world. The book focuses on teaching you the latest forensic techniques to investigate mobile devices across various mobile platforms. You will learn forensic techniques for multiple OS versions, including iOS 11 to iOS 13, Android 8 to Android 10, and Windows 10. The book then takes you through the latest open source and commercial mobile forensic tools, enabling you to analyze and retrieve data effectively. From inspecting

the device and retrieving data from the cloud, through to successfully documenting reports of your investigations, you'll explore new techniques while building on your practical knowledge. Toward the end, you will understand the reverse engineering of applications and ways to identify malware. Finally, the book guides you through parsing popular third-party applications, including Facebook and WhatsApp. By the end of this book, you will be proficient in various mobile forensic techniques to analyze and extract data from mobile devices with the help of open source solutions. What you will learnDiscover new data extraction, data recovery, and reverse engineering techniques in mobile forensicsUnderstand iOS, Windows, and Android security mechanismsIdentify sensitive files on every mobile platformExtract data from iOS, Android, and Windows platformsUnderstand malware analysis, reverse engineering, and data analysis of mobile devicesExplore various data recovery techniques on all three mobile platformsWho this book is for This book is for forensic examiners with basic experience in mobile forensics or open source solutions for mobile forensics. Computer securi-

ty professionals, researchers or anyone looking to gain a deeper understanding of mobile internals will also find this book useful. Some understanding of digital forensic practices will be helpful to grasp the concepts covered in the book more effectively.

A comprehensive guide to Android forensics, from setting up the workstation to analyzing key artifacts Key FeaturesGet up and running with modern mobile forensic strategies and techniquesAnalyze the most popular Android applications using free and open source forensic toolsLearn malware detection and analysis techniques to investigate mobile cybersecurity incidentsBook Description Many forensic examiners rely on commercial, push-button tools to retrieve and analyze data, even though there is no tool that does either of these jobs perfectly. Learning Android Forensics will introduce you to the most up-to-date Android platform and its architecture, and provide a high-level overview of what Android forensics entails. You will understand how data is stored on Android devices and how to set up a digital forensic examination environment. As you make your way through the chapters,

you will work through various physical and logical techniques to extract data from devices in order to obtain forensic evidence. You will also learn how to recover deleted data and forensically analyze application data with the help of various open source and commercial tools. In the concluding chapters, you will explore malware analysis so that you'll be able to investigate cybersecurity incidents involving Android malware. By the end of this book, you will have a complete understanding of the Android forensic process, you will have explored open source and commercial forensic tools, and will have basic skills of Android malware identification and analysis. What you will learnUnderstand Android OS and architectureSet up a forensics environment for Android analysisPerform logical and physical data extractionsLearn to recover deleted dataExplore how to analyze application dataIdentify malware on Android devicesAnalyze Android malwareWho this book is for If you are a forensic analyst or an information security professional wanting to develop your knowledge of Android forensics, then this is the book for you. Some basic knowledge of the Android mobile platform is expected.

Master the tools and techniques of mobile forensic investigations Conduct mobile forensic investigations that are legal, ethical, and highly effective using the detailed information contained in this practical guide. Mobile Forensic Investigations: A Guide to Evidence Collection, Analysis, and Presentation, Second Edition fully explains the latest tools and methods along with features, examples, and real-world case studies. Find out how to assemble a mobile forensics lab, collect prosecutable evidence, uncover hidden files, and lock down the chain of custody. This comprehensive resource shows not only how to collect and analyze mobile device data but also how to accurately document your investigations to deliver court-ready documents. •Legally seize mobile devices, USB drives, SD cards, and SIM cards•Uncover sensitive data through both physical and logical techniques•Properly package, document, transport, and store evidence•Work with free, open source, and commercial forensic software•Perform a deep dive analysis of iOS, Android, and Windows Phone file systems•Extract evidence from application, cache, and user storage files•Extract and analyze data from IoT de-

vices, drones, wearables, and infotainment systems•Build SQLite queries and Python scripts for mobile device file interrogation•Prepare reports that will hold up to judicial and defense scrutiny

The widespread deployment of millions of current and emerging software applications has placed software economic studies among the most critical of any form of business analysis. Unfortunately, a lack of an integrated suite of metrics makes software economic analysis extremely difficult. The International Function Point Users Group (IFPUG), a nonprofit and member-governed organization, has become the recognized leader in promoting the effective management of application software development and maintenance activities. The IFPUG Guide to IT and Software Measurement brings together 52 leading software measurement experts from 13 different countries who share their insights and expertise. Covering measurement programs, function points in measurement, new technologies, and metrics analysis, this volume: Illustrates software measurement's role in new and emerging technologies Addresses the impact of agile development on software measurement

Presents measurement as a powerful tool for auditing and accountability Includes metrics for the CIO Edited by IFPUG's Management and Reporting Committee, the text is useful for IT project managers, process improvement specialists, measurement professionals, and business professionals who need to interact with IT professionals and participate in IT decision-making. It includes coverage of cloud computing, agile development, quantitative project management, process improvement, measurement as a tool in accountability, project ROI measurement, metrics for the CIO, value stream mapping, and benchmarking.

This professional guide and reference examines the challenges of assessing security vulnerabilities in computing infrastructure. Various aspects of vulnerability assessment are covered in detail, including recent advancements in reducing the requirement for expert knowledge through novel applications of artificial intelligence. The work also offers a series of case studies on how to develop and perform vulnerability assessment techniques using start-of-the-art intelligent mechanisms. Topics and features: provides tutorial activ-

ities and thought-provoking questions in each chapter, together with numerous case studies; introduces the fundamentals of vulnerability assessment, and reviews the state of the art of research in this area; discusses vulnerability assessment frameworks, including frameworks for industrial control and cloud systems; examines a range of applications that make use of artificial intelligence to enhance the vulnerability assessment processes; presents visualisation techniques that can be used to assist the vulnerability assessment process. In addition to serving the needs of security practitioners and researchers, this accessible volume is also ideal for students and instructors seeking a primer on artificial intelligence for vulnerability assessment, or a supplementary text for courses on computer security, networking, and artificial intelligence.

Galaxy Tab lets you work, play, read, and connect on the go, but mastering its Touch-Wiz interface and finding the best apps can be tricky—unless you have this Missing Manual. Gadget whiz Preston Gralla provides crystal-clear explanations and step-by-step instructions to get you up to speed quickly, whether you have the 3G/4G or Wi-Fi version of this amazing device. The important stuff you need to know: Design your experience. Add interactive widgets and mini-apps to your screen with TouchWiz. Satisfy your appetite. Download thousands of games and apps from the Android Market. Keep in touch. Chat, videochat, check email, and browse the Web. Find your way. View maps, use the GPS, and navigate turn-by-turn. Manage your media. Shoot and view photos and videos; organize and play your music. Stay informed. Read books, newspapers, and magazines. Be productive. Use Google Docs to store and share documents.

The first comprehensive guide to discovering and preventingattacks on the Android OS As the Android operating system continues to increase its shareof the smartphone market, smartphone hacking remains a growingthreat. Written by experts who rank among the world's foremostAndroid security researchers, this book presents vulnerabilitydiscovery, analysis, and exploitation tools for the good guys.Following a detailed explanation of how the Android OS works andits overall security architecture, the authors examine howvulnerabilities can be discovered and exploits developed forvarious system components, preparing you to defend againstthem. If you are a mobile device administrator, security researcher,Android app developer, or consultant responsible for evaluatingAndroid security, you will find this guide is essential to yourtoolbox. A crack team of leading Android security researchers explainAndroid security risks, security design and architecture, rooting,fuzz testing, and vulnerability analysis Covers Android application building blocks and security as wellas debugging and auditing Android apps Prepares mobile device administrators, security researchers,Android app developers, and security consultants to defend Androidsystems against attack Android Hacker's Handbook is the first comprehensiveresource for IT professionals charged with smartphonesecurity.

This is the second of a two-volume set (CCIS 373 and CCIS 374) that constitutes the extended abstracts of the posters presented during the 15th International Conference on Human-Computer Interaction, HCII 2013, held in Las Vegas, USA, in July 2013, jointly with 12 other thematically similar conferences. The total of 1666 papers and

303 posters presented at the HCII 2013 conferences was carefully reviewed and selected from 5210 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. The extended abstracts were carefully reviewed and selected for inclusion in this two-volume set. The papers included in this volume are organized in the following topical sections: learning and education; health and medicine; media, art and culture; transport; Web and social media; information search and retrieval; work, collaboration and creativity; text and storytelling; agents, avatars and robots; smart environments; virtual and mixed environments; security and privacy.

A guide to Flash CS5 covers the basics of animation, ways to create movement between images, adding audio and video, creating reusable elements, and testing and publishing Web sites.

This step-by-step, highly visual text pro-vides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, A+ Guide to IT Technical Support, 9th Edition closely integrates the CompTIA+ Exam objectives to prepare you for the 220-901 and 220-902 certification exams. The new Ninth Edition also features extensive updates to reflect current technology, techniques, and industry standards in the dynamic, fast-paced field of PC repair and information technology. Each chapter covers both core concepts and advanced topics, organizing material to facilitate practical application and encourage you to learn by doing. The new edition features more coverage of updated hardware, security, virtualization, new coverage of cloud computing, Linux and Mac OS, and increased emphasis on mobile devices. Supported by a wide range of supplemental resources to enhance learning with Lab Manuals, CourseNotes online labs and the optional MindTap that includes online labs, certification test prep and interactive exercises and activities, this proven text offers students an ideal way to prepare for success as a professional IT support technician and administrator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Mobile computing skills are becoming standard in the ITindustry Mobile Computing Deployment and Management: Real World Skillsfor CompTIA Mobility+ Certification and Beyond is the ultimatereference for mobile computing. Certified Wireless Network ExpertRobert J. Bartz guides IT and networking professionals through thefundamental and advanced concepts of mobile computing, providingthe information and instruction necessary to get up to speed oncurrent technology and best practices. The book maps to the CompTIAMobility+ (MB0-001) exam, making it an ideal resource for thoseseeking this rewarding certification. The mobile device has already overshadowed the PC as a primarymeans for Internet access for a large portion of the world'spopulation, and by 2020, there will be an estimated 10 billionmobile devices worldwide. Mobile connectivity has become the newstandard for business professionals, and when combined with cloud-computing, it creates a world where ins-

tant access is the norm. Toremain relevant, IT professionals must hone their mobile skills.The ability to manage, develop, and secure a mobile infrastructureis quickly becoming a key component to entering the IT industry,and professionals lacking those skills will be left behind. Thisbook covers all aspects of mobile computing, including: Radio frequency, antenna, and cellular technology Physical and logical infrastructure technologies Common mobile device policies and application management Standards and certifications, and more Each chapter includes hands-on exercises, real-world examples,and in-depth guidance from the perspective of a mobile computingexpert. IT professionals looking to expand their capabilities needlook no further than Mobile Computing Deployment and Management:Real World Skills for CompTIA Mobility+ Certification andBeyond for the most comprehensive approach to mobile computingon the market today.

A valuable resource for anyone diagnosed with cancer provides a comprehensive plan for obtaining the best care available, drawing on advice from leading specialists to discuss treatment options, how to find the most appropriate and effective therapy for each type of cancer, the latest scientific and medical research, and more. Original. 10,000 first printing.

Anybody can start building multimedia apps for the Android platform, and this book will show you how! Now updated to include both Android 4.4 and the new Android L, Android Apps for Absolute Beginners, Third Edition takes you through the process of getting your first Android apps up and running using plain English and practical examples. If you have a great idea for an Android app, but have never programmed before, then this book is for you. This book cuts through the fog of jargon and mystery that surrounds Android apps development, and gives you simple, step-by-step instructions to get you started. Teaches Android application development in language anyone can understand, giving you the best possible start in Android development Provides simple, step-by-step examples that make learning easy, allowing you to pick up the concepts without fuss Offers clear code descriptions and layout so that you can get your apps running as soon as possible This book covers both Android 4.4 (KitKat) and Android L, but is also backwards compatible to cover the previous Android releases since Android 1.5.

Unlock the Full 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 ramp up their productivity or move to newer devices. It covers all new and recent Android smartphones and tablets running Android 6 (Marshmallow) or Android 5 (Lollipop)—with bonus, in-depth coverage of Samsung's widely used TouchWiz skin. Here's just a sampling of what this book's tips, tricks, and techniques will help you do: · Connect to wireless and cellular networks, to keyboards and Bluetooth de-

vices, and via 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 your Android device

The comprehensive developer guide to the latest Android featuresand capabilities Professional Android, 4th Edition shows developers how toleverage the latest features of Android to create robust andcompelling

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