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17E - BRADSHAW ALEXANDER

Jump into the world of Near Field Communications (NFC), the fast-growing technology that lets devices in close proximity exchange data, using radio signals. With lots of examples, sample code, exercises, and step-by-step projects, this hands-on guide shows you how to build NFC applications for Android, the Arduino microcontroller, and embedded Linux devices. You'll learn how to write apps using the NFC Data Exchange Format (NDEF) in PhoneGap, Arduino, and node.js that help devices read messages from passive NFC tags and exchange data with other NFC-enabled devices. If you know HTML and JavaScript, you're ready to start with NFC. Dig into NFC's architecture, and learn how it's related to RFID. Write sample apps for Android with PhoneGap and its NFC plugin. Dive into NDEF: examine existing tag-writer apps and build your own. Listen for and filter NDEF messages, using PhoneGap event listeners. Build a full Android app to control lights and music in your home. Create a hotel registration app with Arduino,

from check-in to door lock. Write peer-to-peer NFC messages between two Android devices. Explore embedded Linux applications, using examples on Raspberry Pi and BeagleBone.

Step-by-step instructions with callouts to Samsung Galaxy Note 5 images that show you exactly what to do. Help when you run into Samsung Galaxy Note 5 problems or limitations. Tips and Notes to help you get the most from your Samsung Galaxy Note 5. Full-color, step-by-step tasks walk you through getting and keeping your Samsung Galaxy Note 5 working just the way you want. Learn how to Make the most of Galaxy Note 5's powerful hardware—from S Pen to sensors. Connect the right way at the right time, with Bluetooth, Wi-Fi, VPNs, NFC, and beaming. Transform your Galaxy Note 5 into a Wi-Fi hotspot others can share. Access websites fast and sync bookmarks across all your devices. Customize your wallpaper, keyboard, sound, display, and language. Efficiently manage your life: messages, contacts, meetings, and more. Use GPS and Google Maps to find any destination and never get lost.

Get the exact information you need right now, with Google Now Play, sync, and manage media—from music to YouTube videos Store your music collection in the Cloud, so you can listen anywhere Make plans faster by adding participants to calls in progress Automatically reject calls you don't want Read ebooks and magazines with Google Play or the Amazon Kindle app Find the best new apps and games on Google Play—even great freebies Keep your Galaxy Note 5 up-to-date, reliable, and secure Stay up-to-date seamlessly by using your Galaxy Note 5 with your Android Wear Smartwatch

Your no-nonsense guide to Near Field Communication Are you a newcomer to Near Field Communication and baffled by the scant documentation and online support available for this powerful new technology? You've come to the right place! Written in a friendly and easily accessible manner, *NFC For Dummies* takes the intimidation out of working with the features of NFC-enabled devices and tells you exactly what it is and what it does—and doesn't do. NFC is revolutionizing the way people interact on a daily basis. It enables big data and cloud-based computing through mobile devices and can be used by anyone with a smartphone or tablet every day! Soon to be as commonplace as using Wi-Fi or the camera on your smartphone, NFC is going to forever change the way we interact with people and the things around us. It simplifies the sending and receiving of information, makes monetary transactions simple and secure—Apple Pay already uses NFC—and is a low-cost product to manufacture and use. As more developers create apps with NFC, you're going to see it used regularly—everywhere from cash registers to your social media accounts to electronic identity systems.

Don't get left behind; get up to speed on NFC today! Provides a plain-English overview of NFC Covers the history and technology behind NFC Helps you make sense of IoT and powered chips Explains proximity technologies and non-payment applications Whether you're a developer, investor, or a mobile phone user who is excited about the capabilities of this rapidly growing technology, *NFC For Dummies* is the reference you'll want to keep close at hand!

This book constitutes the refereed proceedings of the International Conference, UNESST 2011, held as Part of the Future Generation Information Technology Conference, FGIT 2011, Jeju Island, Korea, in December 2011. The papers presented were carefully reviewed and selected from numerous submissions and focus on the various aspects of u- and e-service, science and technology.

Full-color, step-by-step tasks walk you through getting and keeping your Samsung Galaxy Nexus or other smartphone running Android 4 (Ice Cream Sandwich) working just the way you want. Step-by-step instructions with callouts to Samsung Galaxy Nexus photos that show you exactly what to do Help when you run into problems or limitations with your Samsung Galaxy Nexus Tips and Notes to help you get the most from your Samsung Galaxy Nexus Learn how to

- Quickly set up Google services, voicemail, Gmail, Wi-Fi, and high-speed data connections
- Use hidden time-saving shortcuts you won't find anywhere else
- Import, create, sync, organize, and manage all your contacts
- Easily manage email, appointments, events, and reminders from all your accounts and services
- Find web content fast with the powerful Galaxy Nexus web browser
- Use Google Phone to save money, manage voice-

mail, and even automatically transcribe your messages • Instantly connect with friends on Facebook, Google+, and other social media services • Access and listen to all your music, wherever you go • Shoot and share stunningly sharp photos and HD video • Make the most of your Galaxy Nexus (or Android 4 smartphone) at work • Discover, download, and install today's hottest new Android apps--including many great free apps • Keep your Galaxy Nexus (or Android 4 smartphone) up-to-date, reliable, and secure • Avoid expensive, unnecessary roaming charges

Master IT hardware and software installation, configuration, repair, maintenance, and troubleshooting and fully prepare for the CompTIA® A+ 220-901 and 220-902 exams. This all-in-one textbook and lab manual is a real-world guide to learning how to connect, manage, and troubleshoot multiple devices in authentic IT scenarios. Thorough instruction built on the CompTIA A+ 220-901 and 220-902 exam objectives includes coverage of Linux, Mac, mobile, cloud, and expanded troubleshooting and security. For realistic industry experience, the author also includes common legacy technologies still in the field along with non-certification topics like Windows 10 to make this textbook THE textbook to use for learning about today's tools and technologies. In addition, dual emphasis on both tech and soft skills ensures you learn all you need to become a qualified, professional, and customer-friendly technician. Dozens of activities to help "flip" the classroom plus hundreds of labs included within the book provide an economical bonus--no need for a separate lab manual. Learn more quickly and thoroughly with all these study and review tools: Learning Objectives provide the goals for each chapter plus chapter opening lists

of A+ Cert Exam Objectives ensure full coverage of these topics Hundreds of photos, figures, and tables to help summarize and present information in a visual manner in an all-new full color design Practical Tech Tips give real-world IT Tech Support knowledge Soft Skills best practice advice and team-building activities in each chapter cover all the tools and skills you need to become a professional, customer-friendly technician in every category Review Questions, including true/false, multiple choice, matching, fill-in-the-blank, and open-ended questions, assess your knowledge of the learning objectives Hundreds of thought-provoking activities to apply and reinforce the chapter content and "flip" the classroom if you want More than 140 Labs allow you to link theory to practical experience Key Terms identify exam words and phrases associated with each topic Detailed Glossary clearly defines every key term Dozens of Critical Thinking Activities take you beyond the facts to complete comprehension of topics Chapter Summary provides a recap of key concepts for studying Certification Exam Tips provide insight into the certification exam and preparation process The Rough Guide to Android Phones and Tablets is a must-have introduction for anyone picking up a new Android device. Written for the newest Android platform, the book covers everything you need to know to make the most of your new device, from the basics right through to advanced techniques and tricks. We've tried and tested thousands of apps across a full range of categories and bring you 100 of the best, complete with codes you can scan into your Android device to grab the app straight from the book.

Full-color, step-by-step tasks walk you through getting and keeping your An-

droid tablet working just the way you want. Learn how to • Take advantage of the new Android 5.0 “Lollipop” features • Quickly set up your Android tablet and Google account • Manage all your email accounts, from Gmail to corporate email • Browse the Web safely and efficiently with new versions of Google Chrome • Connect and transfer content over Wi-Fi, USB, or Bluetooth • Search, watch, and upload YouTube videos • Store your music in the cloud so you can access it anywhere • Create incredible images with Panorama and Photo Spheres • Use your built-in camera to record videos • Organize and track all your meetings, tasks, events, and contacts • Stay completely up-to-date with Google Now • Get turn-by-turn navigation help wherever you go • Find and install great new apps on Google Play • Buy products and send money with Google Wallet • Transform your tablet into a world-class e-book reader • Fix lockups and memory shortages, and keep your tablet up-to-date • Master Android tips and time-savers for improving your daily life

Looks at the features of the Android phone, covering such topics as personalizing the device, storing content on a cloud, making calls through Google Voice, managing media, downloading apps, and syncing social media accounts.

If you own or are considering a new Android smartphone, My Android Phone is your must-have companion. Full-color, step-by-step tasks walk you through getting and keeping your Android 5 (Lollipop) phone working just the way you want. Learn how to: • Master Android 5’s new tools, improved interface, and best shortcuts • Quickly set up your phone, Google account, and Wi-Fi connection • Play and organize all your media: music, photos,

YouTube videos, movie rentals, eBooks, and more • Efficiently manage your life: contacts, events, and more • Connect securely via VPNs • Link to nearby Android devices via Wi-Fi Direct • Use one app to manage all your email accounts, not just Gmail • Discover today’s fastest Chrome web browser shortcuts • Bookmark and share the sites you visit • Browse the web “incognito,” without leaving evidence on your phone • Use Google Maps and Google Now to find any destination • Discover great new apps and games in the Google Play Store--even great freebies • Create amazing images with Panorama and Photo Spheres • Customize everything from ringtones to wallpaper and widgets • Use Google Wallet to pay for items and send or receive money • Optimize battery life and uncover apps that are draining power • Control data usage to avoid costly overages • Use your phone with a new Android Wear smartwatch

Using a step-by-step, highly visual approach, Andrews/Dark Shelton/Pierce's bestselling COMPTIA A+ GUIDE TO IT TECHNICAL SUPPORT, 11th edition, teaches you how to work with users as well as install, maintain, troubleshoot and network computer hardware and software. Ensuring you are well prepared for 220-1101 and 220-1102 certification exams, each module covers core and advanced topics while emphasizing practical application of the most current technology, techniques and industry standards. You will study the latest hardware, security, Active Directory, operational procedures, basics of scripting, virtualization, cloud computing, mobile devices, Windows 10, macOS and Linux. The text provides thorough preparation for the certification exam -- and your future success as an IT support technician or administrator. Important Notice: Me-

dia content referenced within the product description or the product text may not be available in the ebook version.

Based on extensive customer feedback, DISCOVERING COMPUTERS ©2014 has been completely reexamined and revised to reflect the evolving needs of the concepts portion of the Introductory Computing course. This exciting new edition maintains many longstanding hallmarks, but is now highly focused on relevancy to provide students only with what they really need to know to be successful digital citizens in college and beyond. To better reflect the importance of certain topics in today's digital world, coverage of enterprise computing, ethics, Internet research skills, mobile computing, operating systems (other than Windows), browsers, security, and Web 2.0 has been expanded and integrated. New critical thinking and problem solving exercises are included in every feature throughout the text, engaging students in regular practice of higher-order thinking skills. In addition, students have more opportunity for hands-on practice with the completely revised end-of-chapter activities. With these enhancements and more, the new DISCOVERING COMPUTERS is an even more engaging teaching and learning tool for your classroom. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The popular DISCOVERING COMPUTERS is now revised, based on customer feedback, to reflect the evolving needs of today's Introductory Technology students. This exciting new edition maintains proven hallmarks that ensure students know what they need to be successful digital citizens in college and beyond. This edition offers the latest coverage of

today's digital world with an emphasis on enterprise computing, ethics, Internet search skills, mobile computing, various operating systems, browsers and security. Critical thinking and problem-solving exercises throughout the text reinforce key skills, while end-of-chapter activities provide hands-on practice. DISCOVERING COMPUTERS provides the content your students need, presented in a way that ensures their success. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

My Google Nexus™ 7 and Nexus™ 10 Step-by-step instructions and corresponding step number callouts on photos showing you exactly what to do Help when you run into problems or limitations of your Google Nexus tablet or its apps, and you need to figure out what to do Tips and Notes to help you get the most out of your Google Nexus tablet and its apps Full-color, step-by-step tasks walk you through getting and keeping your Google Nexus tablet working just the way you want. Learn how to:

- Get started fast
- Navigate the Android 4.2 (Jelly Bean) operating system
- Retrieve, play, and manage music, video, podcasts, and audiobooks
- Use the Nexus tablet as a portal to movies and TV content
- Buy books and subscribe to magazines
- Surf the Web quickly with the built-in Chrome browser
- Use Google Wallet to pay at the checkout counter
- Simplify your life with the Calendar and Contacts
- Learn about Google Now and how to use it
- Find any destination with Maps and Navigation apps
- Discover, choose, install, and work with new Android apps
- Customize your tablet to reflect your personal style, habits, and preferences
- Keep your Google Nexus tablet up to date, reliable, and running smoothly

CATEGORY:

Tablets COVERS: Google Nexus 7 and Nexus 10 USER LEVEL: Beginning-Intermediate

Improve your understanding of all Core 1 and Core 2 A+ exam objectives and prepare for a new career as a computer technician The Third Edition of the CompTIA A+ Complete Practice Tests: Core 1 Exam 220-1101 and Core 2 Exam 220-1102 offers aspiring and practicing computer technicians essential and practical exam prep material for the industry favorite A+ certification. The hundreds of domain-by-domain practice questions cover all of the A+ exam objectives tested on the Core 1 and Core 2 exams, helping you prepare for success on the tests and in the real world. Just like the real exams, the practice questions contained within this resource cover mobile devices, networking, hardware, virtualization and cloud computing, hardware and network troubleshooting, operating systems, security, software troubleshooting, and operational procedures. These rigorous and realistic practice questions will get you ready for your first role as a computer technician and let you hit the ground running. This comprehensive set includes: Challenging questions designed to advance your understanding and comprehension of all covered exam domains Questions similar to those found on the real Core 1 and Core 2 A+ exams Access to the Sybex online test bank, with hundreds of questions and full-length practice exams Perfect for anyone prepping for the Core 1 and Core 2 A+ exams, CompTIA A+ Complete Practice Tests: Core 1 Exam 220-1101 and Core 2 Exam 220-1102 is also an ideal resource for aspiring and early-career computer technicians who want to improve their understanding of some of the foundational concepts they rely on each day in the field.

Design and implement a robust offline app experience using Sencha Touch and PouchDB About This Book Understand the design principles behind a well-designed offline experience Create the illusion of being online when you're really offline Use common libraries such as Sencha Touch and PouchDB to enhance the offline experience of mobile apps Who This Book Is For Do you want to make your app experience more robust and delightful? Are you eager to write apps that cater to a wider audience, not just the Silicon Valley crowd? Do you need to persuade your peers that offline-first is a worthwhile development paradigm? If your answer to all or any one of these questions is yes, then this is the book is for you. Some previous coding and command-line experience would be useful, but is not required. What You Will Learn Design the behavior of the app, taking offline, online, and the transition between those two states into account Seamlessly implement the offline/online experience that you've designed using Sencha Touch and PouchDB Show the user what's happening under the hood with online/offline indicators and Good Mobile Messaging Employ various strategies to cope with unreliable network conditions Help the user resolve conflicts related to the "split-brain" problem Choose intelligent defaults based on usage of the app Use point-to-point networking to partially overcome a lack of Internet connectivity In Detail When building mobile apps, it's easy to forget about the moments when your users lack a good Internet connection. Put your phone in airplane mode, open a few popular apps, and you'll quickly see how they handle being offline. From Twitter to Pinterest to Apple Maps, some apps might handle being offline better—but very few do it well. A poor

offline experience will result in frustrated users who will abandon your app, or worse, turn to your competitor's apps! Expert or novice, this book will teach you everything you need to know about designing and building a rigorous offline app experience. By putting the offline experience first, you'll have a solid foundation to build upon, avoiding the unnecessary stress and frustration of trying to retrofit offline capabilities into your finished app. This basic principle, designing for the worst-case scenario, could save you countless hours of wasted effort. Style and approach This book adopts an iterative approach to designing and building a mobile app, where each chapter builds on the one before, resulting in a fully-functional app that demonstrates the concepts taught, each one of which is explained through the use of an example.

David Busch's Canon EOS Rebel T7i/800D Guide to Digital SLR Photography is your complete all-in-one comprehensive resource and reference for the Canon EOS Rebel T7i/800D, the first Canon camera to offer in-body five-axis image stabilization for video capture. Aimed at photo enthusiasts seeking to improve their photographic skills, the T7i/800D is an affordable digital SLR with an impressive range of features, including including Wi-Fi communications to link your camera to your iOS or Android smart device. With this book in hand, the camera is remarkably easy to master, too. Equipped with a 24-megapixel sensor, full HD movie-making, an accurate autofocus system, and a full range of semi-automatic modes, scene options, and creative filters, this newest Rebel has everything you need to explore the world of photography. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px

'Times New Roman'} p.p2 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px 'Times New Roman'; min-height: 15.0px} With clear how-to steps and full-color illustrations, David Busch's Canon EOS Rebel T7i/800D Guide to Digital SLR Photography covers all the camera's capabilities in depth, from taking your first photos through advanced details of setup, exposure, lenses, lighting, and more. Also included is a handy Canon Rebel T7i/800D "roadmap," an easy-to-use visual guide to the camera's features and controls. With best-selling author and mentor David Busch as your guide, you'll be in full creative control, whether you're shooting on the job, as an advanced hobbyist, or are just out for fun. Start building your knowledge and confidence, while bringing your vision to light with the Canon EOS Rebel T7i/800D today.

This book documents all the features and capabilities of Samsung Galaxy Gear S2 device, approaching them from the point of view of a user who is intimidated by the technology and baffled by the documentation and online support that comes with the watch. All aspects of the suite of devices are covered, from setup and configuration, to extensive use of the watch features and capabilities: texting, e-mailing, accessing the Internet, downloading apps, syncing with an Android device, and expanding the watches potential with new software releases. The accessible and fun writing style provides clear direction and doesn't hinder the book's important content and coverage. Readers will keep this book close by, referring to it often as they explore the features of their new Samsung Galaxy Gear 2 Smartwatch.

The advancement of technology in today's world has led to the progression of several professional fields. This includes the classroom, as teachers have begun

using new technological strategies to increase student involvement and motivation. ICT innovation including virtual reality and blended learning methods has changed the scope of classroom environments across the globe; however, significant research is lacking in this area. *ICTs and Innovation for Didactics of Social Sciences* is a fundamental reference focused on didactics of social sciences and ICTs including issues related to innovation, resources, and strategies for teachers that can link to the transformation of social sciences teaching and learning as well as societal transformation. While highlighting topics such as blended learning, augmented reality, and virtual classrooms, this book is ideally designed for researchers, administrators, educators, practitioners, and students interested in understanding current relevant ICT resources and innovative strategies for the didactic of social sciences and didactic possibilities in relation to concrete conceptual contents, resolution of problems, planning, decision making, development of social skills, attention, and motivation promoting a necessary technological literacy.

Windows Phone 8 is unlike any of Microsoft's previous mobile operating systems, and users recognize it. The OS is a very different beast than Apple's iOS or Google's Android system, and has a lot of great things going for it: a fluid and gorgeous user interface, great starter apps, and intuitive features you won't find elsewhere. It can show you all of your social media updates in one screen, it's almost endlessly customizable, and it smoothly integrates with your other machines, be they desktops, smartphones, or tablets. Windows Phone 8 is a major upgrade from the previous incarnation, and it continues to gain fans and supporters because it does things in a

distinctly different way than other mobile operating systems. As the OS matures, Microsoft is adding more and more functionality and apps, and more and more people are realizing there's definitely a space for it in the smartphone market. We hope you enjoy our Superguide, but, more importantly, we hope you'll enjoy Windows Phone 8 as much as we do. It's a unique OS, and we're pleased to recommend it.

DISCOVERING COMPUTERS & MICROSOFT OFFICE 365 & OFFICE 2016: A FUNDAMENTAL COMBINED APPROACH combines strong computer concepts from the best-selling *DISCOVERING COMPUTERS* with proven step-by-step instruction on Microsoft Office 365 and Office 2016 in one convenient book. This single resource delivers the best of Shelly Cashman Series -- the acclaimed Series that has effectively introduced computer skills to millions of learners. This book encourages critical thought, personalization, and experimentation with the latest Microsoft Office 2016 software. Updated and revised computer concepts content throughout this edition reflect the evolving needs of those learning computing today with an exclusive focus on the skills needed to be successful in college and careers beyond. Enhancements ensure this edition delivers today's most effective introduction to Microsoft Office 365 and Office 2016. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Step-by-step instructions with callouts to Samsung Galaxy Note 3 photos that show you exactly what to do Help when you run into Samsung Galaxy Note 3 problems or limitations Tips and Notes to help you get the most from your Samsung Galaxy Note 3 Full-color, step-by-

step tasks walk you through getting and keeping your Samsung Galaxy Note 3 working just the way you want. Learn how to

- Make the most of Galaxy Note 3's powerful hardware—from S Pen to sensors
- Connect the right way at the right time, with Bluetooth, Wi-Fi, VPNs, NFC, and beaming
- Transform your Galaxy Note 3 into a Wi-Fi hotspot others can share
- Access websites fast and sync bookmarks across all your devices
- Customize your wallpaper, keyboard, sound, display, and language
- Efficiently manage your life: messages, contacts, meetings, and more
- Use GPS and Google Maps to find any destination and never get lost
- Get the exact information you need right now, with Google Now
- Play, sync, and manage media—from music to YouTube videos
- Store your music collection in the cloud, so you can listen anywhere
- Make plans faster by adding participants to calls in progress
- Automatically reject calls you don't want
- Read ebooks and magazines with Google Play or the Amazon Kindle app
- Find the best new apps and games on Google Play—even great freebies
- Keep your Galaxy Note 3 up-to-date, reliable, and secure
- Stay up-to-date seamlessly by using your Galaxy Note 3 with your Galaxy Gear smart watch

Combining computer concepts material from the best-selling *Discovering Computers* and step-by-step instruction on Office applications from *Microsoft Office 2013*, **ENHANCED DISCOVERING COMPUTERS & MICROSOFT OFFICE 2013: A COMBINED FUNDAMENTAL APPROACH** delivers the best of Shelly Cashman Series in one book for your Introduction to Computers course. For the past three decades, the Shelly Cashman Series has effectively introduced computer skills to millions of students. We're continuing our history of innovation by enhancing

our proven pedagogy to engage you in more critical thought, personalization, and experimentation with Office 2013 software. In addition, computer concepts content has been fully updated and revised to reflect the evolving needs of Introductory Computing students, and focus solely on what you really need to know to be a successful digital citizen in college and beyond. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

David Busch's *Nikon D5600 Guide to Digital Photography* is your all-in-one comprehensive resource and reference for the Nikon D5600 camera. This ultracompact and light weight Nikon digital SLR has new SnapBridge wireless Bluetooth communication so you can use your iOS or Android device to control the camera. Nikon has also added an easy-to-use time-lapse feature to its impressive capabilities, which include a swiveling touch screen LCD that makes taking photos or changing settings quick and easy. The D5600 captures 24-megapixel still images and 1080p 60 fps high-definition movies with stereo sound, too. With this book in hand, you can fine tune your camera skills as you explore the world of digital photography, develop your creativity, and take great photographs with your D5600. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px 'Times New Roman'} Filled with detailed how-to steps and full-color illustrations, David Busch's *Nikon D5600 Guide to Digital Photography* covers all the camera's features in depth, from taking your first photos through advanced details of setup, exposure, lens selection, lighting, and more, and relates each feature to specific photographic techniques and situations. Also included is the handy visual guide to the

D5600, with close-up photos and descriptions of the camera's essential features and controls, including the versatile LCD touch screen. Learn when to use each option and, more importantly, when not to use them, by following the author's recommended settings for every menu entry. With best-selling photographer and mentor David Busch as your guide, you'll quickly have full creative mastery of your camera's capabilities, whether you're shooting on the job, as an advanced enthusiast, or are just out for fun. Start building your knowledge and confidence, while bringing your vision to light with the Nikon D5600 today.

Readers learn to maximize the use of mobile devices, make the most of online tools for collaboration and communications, and fully utilize today's Internet capabilities with the latest edition of DISCOVERING COMPUTERS ESSENTIALS ENHANCED. Learners see how technology skills assist in gaining employment and advancing careers. This edition highlights the most recent developments with new emphasis on Web Development, creating a strong web presence, and the latest Windows 10 information. The authors emphasize actionable content with a proven learning structure and practice to reinforce key skills. Self-assessments open each chapter, enabling readers to target study and learn more in less time. DISCOVERING COMPUTERS ESSENTIALS ENHANCED presents the content needed to succeed in a way that ensures understanding. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Covering all the essentials of modern Android development, an updated, real-world guide to creating robust, commer-

cial-grade Android apps offers expert insights for the entire app development lifecycle, from concept to market.

Developers, build mobile Android apps using Android 4 The fast-growing popularity of Android smartphones and tablets creates a huge opportunities for developers. If you're an experienced developer, you can start creating robust mobile Android apps right away with this professional guide to Android 4 application development. Written by one of Google's lead Android developer advocates, this practical book walks you through a series of hands-on projects that illustrate the features of the Android SDK. That includes all the new APIs introduced in Android 3 and 4, including building for tablets, using the Action Bar, Wi-Fi Direct, NFC Beam, and more. Shows experienced developers how to create mobile applications for Android smartphones and tablets Revised and expanded to cover all the Android SDK releases including Android 4.0 (Ice Cream Sandwich), including all updated APIs, and the latest changes to the Android platform. Explains new and enhanced features such as drag and drop, fragments, the action bar, enhanced multitouch support, new environmental sensor support, major improvements to the animation framework, and a range of new communications techniques including NFC and Wi-Fi direct. Provides practical guidance on publishing and marketing your applications, best practices for user experience, and more This book helps you learn to master the design, lifecycle, and UI of an Android app through practical exercises, which you can then use as a basis for developing your own Android apps.

Fire up your Amazon Fire Phone and get to know the hottest new smartphone around with For Dummies! The Amazon Fire Phone is here, and the first smart-

phone designed by Amazon does not disappoint. Loaded with innovative features like Dynamic Perspective, Firefly, and Mayday, your Amazon Fire Phone is a truly unique offering in the Android market, and veteran For Dummies author Dan Gookin is here to offer his truly unique advice on how to blaze through your Fire Phone like a pro. You'll tackle the smartphone basics like making calls, texting, e-mailing, browsing the Internet, and shooting photos and video before taking on more advanced features like maps and navigation, built-in and add-on apps, movies, music, e-books, and syncing it all in the cloud. Walks you through your Amazon Fire Phone and all its features - from understanding its "under the hood" power to customizing your device for your needs Covers using your Amazon Fire Phone for work - and play - with advice on setting up and storing contacts, managing your calendar, getting directions, going online, staying in touch with friends and family, and filling your Fire with the latest games, apps, movies, music, and more Includes details on the Fire's camera and video capabilities, immersive Firefly technology, Amazon content integration, cloud storage, and 24/7 Mayday help service Whether you're upgrading from another device or stepping into the smartphone market for the first time, Amazon Fire Phone For Dummies is your guide to all your Fire has to offer.

This step-by-step, highly visual text provides a comprehensive introduction to managing and maintaining computer hardware and software. Written by best-selling author and educator Jean Andrews, *A+ GUIDE TO HARDWARE*, Ninth Edition, closely integrates the CompTIA A+ Exam objectives to prepare students for the 220-901 certification exams. The new Ninth Edition also features exten-

sive 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 students to learn by doing. The new edition features more coverage of updated hardware, security, 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 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. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Make your Apple Watch your new best friend! From accessing messages to getting quick directions, the latest smart watches do a whole lot more than just tell time. And the latest version of the Apple Watch is one of the most powerful iterations of these handy devices you can own. In *Apple Watch For Dummies*, you'll get step-by-step guidance on how to use all the best features of the Apple Watch. You'll learn how to make payments with a flick of your wrist using Apple Pay, keep track of your activity and sleep, monitor your heart health in real time, and even turn your watch into a digital walkie-talkie. This easy-to-read guide will also show you how to: Stay in touch by sending and receiving text messages and emails with your Apple Watch Track your fitness and sleep with Apple Watch, and have it monitor your health and even detect a sudden fall Learn how to stream Apple Music playlists and pod-

casts to wireless headphones. Customize your watch face to look exactly the way you want it to look, from retro-chic to futuristic fun. Apple Watch For Dummies is a must-read resource for Apple enthusiasts everywhere. Whether you're an Apple Watch newbie or you've been using one since they first came out and just need a refresher, this book has everything you need to get the most out of one of the coolest pieces of wearable tech on the market today.

If you're a passionate photographer and eager to deploy all the creative options built into your Canon EOS Rebel T6, these 47 picture-taking principles are exactly what you need to take your work to the next level. With friendly mentor David Busch as your guide, you'll quickly learn nearly four dozen easy, useful techniques for getting the most from your camera. You'll learn:

- How to Take Great Portraits with Your Rebel
- Three Ways to Conquer Low Light
- Secrets of Dynamic Action Shots
- Key Principles for Beautiful Landscape Photographs

47 Things to Know About Your Canon EOS Rebel T6: David Busch's Guide to Taking Better Pictures teaches you how to shoot great images while mastering tools that let you freeze action (or add creative blur); use focus to place the center of attention on your subject; or add an artistic look using the T6's built-in Creative Filters and Picture Styles. In this book, which is divided into 8 chapters that include 47 lessons, photo guru David Busch teaches you exactly how to apply your camera's features imaginatively in a variety of situations. Written in the author's friendly and approachable style, and illustrated with examples that clearly show how each

technique can help your photography, *47 Things to Know About Your Canon EOS Rebel T6: David Busch's Guide to Taking Better Pictures* is designed to be an effective, fast, and fun way to learn how to use your camera, and use it well. Read an entire chapter, or browse topics that catch your eye one at a time, you quickly learn how to create amazing images with your Rebel. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 11.0px Verdana} span.Apple-tab-span {white-space:pre}

This step-by-step, highly visual text provides 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.

Rely on this practical, end-to-end guide on cyber safety and online security written expressly for a non-technical audience. You will have just what you need to protect yourself—step by step, without judgment, and with as little jargon as possible. Just how secure is your computer right now? You probably don't really know. Computers and the Internet have revolutionized the modern world, but if you're like most people, you have no clue how these things work and don't know the real threats. Protecting your computer is like defending a medieval castle. While moats, walls, drawbridges, and castle guards can be effective, you'd go broke trying to build something dragon-proof. This book is not about protecting yourself from a targeted attack by the NSA; it's about armoring yourself against common hackers and mass surveillance. There are dozens of no-brainer things we all should be doing to protect our computers and safeguard our data—just like wearing a seat belt, installing smoke alarms, and putting on sunscreen. Author Carey Parker has structured this book to give you maximum benefit with minimum effort. If you just want to know what to do, every chapter has a complete checklist with step-by-step instructions and pictures. The book contains more than 150 tips to make you and your family safer. It includes: Added steps for Windows 10 (Spring 2018) and Mac OS X High Sierra Expanded coverage on mobile device safety Expanded coverage on safety for kids online More than 150 tips with complete step-by-step instructions and pictures What You'll Learn Solve your password problems

once and for all Browse the web safely and with confidence Block online tracking and dangerous ads Choose the right antivirus software for you Send files and messages securely Set up secure home networking Conduct secure shopping and banking online Lock down social media accounts Create automated backups of all your devices Manage your home computers Use your smartphone and tablet safely Safeguard your kids online And more! Who This Book Is For Those who use computers and mobile devices, but don't really know (or frankly care) how they work. This book is for people who just want to know what they need to do to protect themselves—step by step, without judgment, and with as little jargon as possible.

Gain the Sybex advantage with this complete guide to A+ certification The CompTIA A+ Complete Study Guide is your complete solution for A+ exam preparation. Covering 100% of Exam 220-901 and Exam 220-902 objectives, this book gives you everything you need to ensure that you not only understand the basics of IT, but that you can demonstrate your understanding effectively. Now in its third edition, this guide has been updated to reflect the exam's new focus. Coverage includes the latest best practices, Windows 8/8.1 and mobile OSes, and an emphasis on the practical skills required on the job. Clear and concise, this book helps you solidify your understanding of crucial hardware and operating system maintenance and troubleshooting topics covered on the exam. You also gain access to the Sybex exclusive online interactive learning environment and test bank, featuring bonus practice exams, electronic flashcards, and a searchable PDF glossary of the most important terms you need to understand. The CompTIA A+ certification is the essential

computer technician credential, and is required by over 100 leading employers. This book helps you prepare and practice so you can approach the exam with confidence, and pass with flying colors. Review the components of personal computers, laptops, and portable devices Understand operating systems, networks, and security Get up to speed on safety and environmental issues Practice effective communication and the "soft skills" of professionalism More than just a review of computer parts, this book covers everything you'll see on the exam. Why go in unprepared when you can have the Sybex advantage?

Your no-nonsense guide to Near Field Communication Are you a newcomer to Near Field Communication and baffled by the scant documentation and online support available for this powerful new technology? You've come to the right place! Written in a friendly and easily accessible manner, *NFC For Dummies* takes the intimidation out of working with the features of NFC-enabled devices and tells you exactly what it is and what it does—and doesn't do. NFC is revolutionizing the way people interact on a daily basis. It enables big data and cloud-based computing through mobile devices and can be used by anyone with a smartphone or tablet every day! Soon to be as commonplace as using Wi-Fi or the camera on your smartphone, NFC is going to forever change the way we interact with people and the things around us. It simplifies the sending and receiving of information, makes monetary transactions simple and secure? Apple Pay already uses NFC—and is a low-cost product to manufacture and use. As more developers create apps with NFC, you're going to see it used regularly everywhere from cash registers to your social media accounts to electronic identity systems.

Don't get left behind; get up to speed on NFC today! Provides a plain-English overview of NFC Covers the history and technology behind NFC Helps you make sense of IoT and powered chips Explains proximity technologies and non-payment applications Whether you're a developer, investor, or a mobile phone user who is excited about the capabilities of this rapidly growing technology, *NFC For Dummies* is the reference you'll want to keep close at hand!

Readers learn to maximize the use of mobile devices, make the most of online tools for collaboration and communications, and fully utilize today's Internet capabilities with the latest edition of *DISCOVERING COMPUTERS ENHANCED*. Learners see how technology skills assist in gaining employment and advancing careers. This edition highlights Web Development, creating a strong web presence, and the latest Windows 10 information. The authors emphasize actionable content with a proven learning structure and practice to reinforce key skills. Self-assessments open each chapter, enabling readers to target study and learn more in less time. *DISCOVERING COMPUTERS ENHANCED* presents the content needed to succeed in a way that ensures understanding. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Unleash the powers of the Amazon Fire phone with help from technology guru Preston Gralla. Through clear instructions and savvy advice, this fast-paced, engaging guide shows you how to make the most of Fire phone's innovative features—including Firefly, Dynamic Perspective, one-handed gestures, and integration with Amazon Prime. The important stuff you need to know: Gain control

with Dynamic Perspective. Tilt your phone to scroll, move your head to play games, and explore maps in 3D. Take pictures further. Capture high-res, panoramic, and moving (lenticular) photos. Shoot HD video, too. Shop with ease. Use Firefly to identify music, videos, and other items, and go straight to the product's Amazon page. Get the apps you want. Load up on games and apps for productivity, health and fitness, and social networking from Amazon's Appstore. Solve problems right away. Get live tech support from Amazon via video chat with the Mayday help feature. Carry the Cloud in your hand. Access Prime Instant Video, your Kindle library, and your uploaded photos and videos.

My Samsung Galaxy Note 4 helps you quickly get started with your Note 4 and use its features to perform day-to-day activities from anywhere, any time. Full-color, step-by-step tasks walk you through getting and keeping your Samsung Galaxy Note 4 working just the way you want. Learn how to Make the most of Galaxy Note 4's powerful hardware--from S Pen to sensors Connect the right way at the right time, with Bluetooth, Wi-Fi, VPNs, NFC, and beaming Transform your

Galaxy Note 4 into a Wi-Fi hotspot others can share Access websites fast and sync bookmarks across all your devices Customize your wallpaper, keyboard, sound, display, and language Efficiently manage your life: messages, contacts, meetings, and more Use GPS and Google Maps to find any destination and never get lost Get the exact information you need right now, with Google Now Play, sync, and manage media--from music to YouTube videos Store your music collection in the cloud, so you can listen anywhere Make plans faster by adding participants to calls in progress Automatically reject calls you don't want Read ebooks and magazines with Google Play or the Amazon Kindle app Find the best new apps and games on Google Play--even great freebies Keep your Galaxy Note 4 up-to-date, reliable, and secure Stay up-to-date seamlessly by using your Galaxy Note 4 with your Android Wear Smartwatch Step-by-step instructions with callouts to Samsung Galaxy Note 4 images that show you exactly what to do Help when you run into Samsung Galaxy Note 4 problems or limitations Tips and Notes to help you get the most from your Samsung Galaxy Note 4