

Good For Enterprise Android User Guide

McKinsey Global Institute predicts Internet of Things (IoT) could generate up to \$11.1 trillion a year in economic value by 2025. Gartner Research Company expects 20 billion inter-connected devices by 2020 and, as per Gartner, the IoT will have a significant impact on the economy by transforming many enterprises into digital businesses and facilitating new business models, improving efficiency and increasing employee and customer engagement. It's clear from above and our research that the IoT is a game changer and will have huge positive impact in foreseeable future. In order to harvest the benefits of IoT revolution, the traditional software development paradigms must be fully upgraded. The mission of our book, is to prepare current and future software engineering teams with the skills and tools to fully utilize IoT capabilities. The book introduces essential IoT concepts from the perspectives of full-scale software development with the emphasis on creating niche blue ocean products. It also: Outlines a fundamental full stack architecture for IoT Describes various development technologies in each IoT layer Explains IoT solution development from Product management perspective Extensively covers security and applicable threat models as part of IoT stack The book provides details of several IoT reference architectures with emphasis on data integration, edge analytics, cluster architectures and closed loop responses.

Mobile Marketing Finding Your Customers No Matter Where They Are Use Mobile Marketing to Supercharge Brands, Sales, and Profits! Using brand-new mobile marketing techniques, you can craft campaigns that are more personal, targeted, immediate, measurable, actionable—and fun! Now, one of the field's leading pioneers shows exactly how to make mobile marketing work for your business. Cindy Krum cuts through the hype, revealing what's working—and what isn't. She guides you through identifying the right strategies and tactics for your products, services, brands, and customers...avoiding overly intrusive, counterproductive techniques...and how to successfully integrate mobile into your existing marketing mix. Above all, Krum shows you how to effectively execute on your mobile marketing opportunities—driving greater brand awareness, stronger customer loyalty, more sales, and higher profits. Topics include Getting started fast with mobile marketing Understanding the international mobile marketing landscape Targeting and tracking the fast-changing mobile demographic Taking full advantage of the iPhone platform Leveraging mobile advertising, promotion, and location-based marketing Building micro-sites and mobile applications Performing search engine optimization for mobile sites and applications Building effective mobile affiliate marketing programs Integrating online and offline mobile marketing Avoiding mobile marketing spam, viruses, and privacy violations Previewing the future of mobile marketing

The comprehensive developer guide to the latest Android features and capabilities Professional Android, 4th Edition shows developers how to leverage the latest features of Android to create robust and compelling mobile apps. This hands-on approach provides in-depth coverage through a series of projects, each introducing a new Android platform feature and highlighting the techniques and best practices that exploit its utmost functionality. The exercises begin simply, and gradually build into advanced Android development. Clear, concise examples show you how to quickly construct real-world mobile applications. This book is your guide to smart, efficient, effective Android development. Learn the best practices that get more out of Android Understand the anatomy, lifecycle, and UI metaphor of Android apps Design for all mobile platforms, including tablets Utilize both the Android framework and Google Play services

Conferences Proceedings of 20th European Conference on Cyber Warfare and Security

The definitive guide to building data-driven Android applications for enterprise systems Android devices represent a rapidly growing share of the mobile device market. With the release of Android 4, they are moving beyond consumer applications into corporate/enterprise use. Developers who want to start building data-driven Android applications that integrate with enterprise systems will learn how with this book. In the tradition of Wrox Professional guides, it thoroughly covers sharing and displaying data, transmitting data to enterprise applications, and much more. Shows Android developers who are not familiar with database development how to design and build data-driven applications for Android devices and integrate them with existing enterprise systems Explores how to collect and store data using SQLite, share data using content providers, and display data using adapters Covers migrating data using various methods and tools; transmitting data to the enterprise using web services; serializing, securing, and synchronizing data Shows how to take advantage of the built-in capabilities of the Android OS to integrate applications into enterprise class systems Enterprise Android prepares any Android developer to start creating data-intensive applications that today's businesses demand.

Want to build apps for Android devices? This book is the perfect way to master the fundamentals. Written by experts who have taught this mobile platform to hundreds of developers in large organizations and startups alike, this gentle introduction shows experienced object-oriented programmers how to use Android's basic building blocks to create user interfaces, store data, connect to the network, and more. Throughout the book, you'll build a Twitter-like application, adding new features with each chapter. You'll also create your own toolbox of code patterns to help you program any type of Android application with ease. Become familiar with the Android platform and how it fits into the mobile ecosystem Dive into the Android stack, including its application framework and the APK application package Learn Android's building blocks: Activities, Intents, Services, Content Providers, and Broadcast Receivers Create basic Android user interfaces and organize UI elements in Views and Layouts Build a service that uses a background process to update data in your application

Mobile applications are now part of our personal daily life. Imagine how many times you spend per day running applications on your smartphone or tablet. Day-to-day applications

such as your calendar, your email client or your browser; social networking apps that allow you to connect to friends and colleagues, productivity apps dedicated to practising sports, daily budgeting, travel, bookings etc. While consuming personal mobile applications is based on a "e;Try & Throw"e; model, mobile applications entering the enterprise world require a more thoughtful approach. Enterprises must have a mobility strategy. As mobile technology has entered a mature phase, companies are confident enough to start implementing mobility. Axel Beauduin and Rachid Kaouass share their experience and pragmatic vision of enterprise mobility and how best to implement it. The authors will guide you through every step of the process, from roadmap construction to the deployment of mobile applications in the enterprise. This book will be useful to all IT and non-IT business actors interested in implementing mobile solutions in their company or organisation.

Build HTML5-based hybrid applications for Android with a mix of native Java and JavaScript components, without using third-party libraries and wrappers such as PhoneGap or Titanium. This concise, hands-on book takes you through the entire process, from setting up your development environment to deploying your product to an app store. Learn how to create apps that have access to native APIs, such as location, vibrator, sensors, and the camera, using a JavaScript/Java bridge—and choose the language that gives you better performance for each task. If you have experience with HTML5 and JavaScript, you'll quickly discover why hybrid app development is the wave of the future. Set up a development environment with HTML, CSS, and JavaScript tools Create your first hybrid Android project, using Eclipse IDE Use the WebView control to host your hybrid application Explore hybrid application architecture, including JavaScript/Java communication Build single-page applications, using JavaScript libraries such as Backbone and Underscore Get optimization tips and useful snippets for CSS, DOM, and JavaScript Distribute your application to Google Play and the Amazon Appstore Offers software developers step-by-step instructions on how to create and distribute their first marketable, professional Android application.

Become a pro with the latest Android SDK and create state of the art applications for Android. About This Book Dive deep into Android development with practical hands on examples to help you in each stage. Develop smart professional grade apps for the latest Android N version and become a pro android developer. Unclog your development highway by utilising the industry standard best practices techniques. Who This Book Is For This book is for mobile developers having some expertise in building android apps and who wish to now take a leap into building complex app such as Zomato, using latest Android N power of Google. What You Will Learn Building UI/UX following best industry practices Development of Zomato Clone Measure and improve app performance Improving app using test mechanisms Bringing the app live on the play store In Detail Android O brings a number of important changes for the users as well as the developers. If you want to create smart android applications which are fast, lightweight and also highly efficient then this is the book that will solve all your problems. You will create a complex enterprise grade app in this book. You will get a quick refresher of the latest android SDK and how to configure your development environment. Then you will move onto creating app layouts, component and module building, creating smart and efficient UIs. The most important part of a modern day app is how real time they are. With this book, you will create a smooth back-end for your app, ensure dynamic and real time communication between different app layers. As we move on, you will learn to leverage the different Android APIs and create an efficient SQLite data layer for your apps. You will implement effective testing techniques to make your app reliable and robust and finally you will learn to deploy it efficiently. The multiple stages of android development will also be simplified by giving you an industry standard set of best practices. Style and approach This book will have a dedicated practical tutorial style approach with focus on professional & enterprise grade android app development. The examples in each chapter will be modular and will also help you to create a complete fully featured android app by the end of the book.

Android Security: Attacks and Defenses is for anyone interested in learning about the strengths and weaknesses of the Android platform from a security perspective. Starting with an introduction to Android OS architecture and application programming, it will help readers get up to speed on the basics of the Android platform and its security issues.E

This book presents a comprehensive overview of enterprise architecture management with a specific focus on the business aspects. While recent approaches to enterprise architecture management have dealt mainly with aspects of information technology, this book covers all areas of business architecture from business motivation and models to business execution. The book provides examples of how architectural thinking can be applied in these areas, thus combining different perspectives into a consistent whole. In-depth experiences from end-user organizations help readers to understand the abstract concepts of business architecture management and to form blueprints for their own professional approach. Business architecture professionals, researchers, and others working in the field of strategic business management will benefit from this comprehensive volume and its hands-on examples of successful business architecture management practices. ?

This collection of papers highlights the current state of the art of cybersecurity. It is divided into five major sections: humans and information security; security systems design and development; security systems management and testing; applications of information security technologies; and outstanding cybersecurity technology development trends. This book will mainly appeal to practitioners in the cybersecurity industry and college faculty and students in the disciplines of cybersecurity, information systems, information technology, and computer science. Master Java EE design pattern implementation to improve your design skills and your application's architecture Professional Java EE Design Patterns is the perfect companion for anyone who wants to work more effectively with JavaEE, and the only resource that covers both the theory and application of design patterns in solving real-world problems. The authors guide readers through both the fundamental and advanced features of Java EE 7, presenting patterns throughout, and demonstrating how they are used in day-to-day problem solving. As the most popular programming language in community-driven enterprise software, Java EE provides an API and runtime environment that is a superset of Java SE. Written for the junior and experienced Java EE developer seeking to improve design quality and effectiveness, the book covers areas including: Implementation and problem-solving with design patterns Connection between existing Java SE design patterns and new Java EE concepts Harnessing the power of Java EE in design patterns Individually-based focus that fully explores each pattern Colorful war-stories showing how patterns were used in the field to solve real-life problems Unlike most Java EE books that simply offer descriptions or recipes, this book drives home the implementation of the pattern to real

problems to ensure that the reader learns how the patterns should be used and to be aware of their pitfalls. For the programmer looking for a comprehensive guide that is actually useful in the everyday workflow, Professional Java EE Design Patterns is the definitive resource on the market.

Build and Deploy Mobile Business Apps That Smoothly Integrate with Enterprise IT For today's enterprises, mobile apps can have a truly transformational impact. However, to maximize their value, you can't build them in isolation. Your new mobile apps must reflect the revolutionary mobile paradigm and delight today's mobile users--but they must also integrate smoothly with existing systems and leverage previous generations of IT investment. In this guide, a team of IBM's leading experts show how to meet all these goals. Drawing on extensive experience with pioneering enterprise clients, they cover every facet of planning, building, integrating, and deploying mobile apps in large-scale production environments. You'll find proven advice and best practices for architecture, cloud integration, security, user experience, coding, testing, and much more. Each chapter can stand alone to help you solve specific real-world problems. Together, they help you establish a flow of DevOps activities and lifecycle processes fully optimized for enterprise mobility.

Android Wireless Application Development has earned a reputation as the most useful real-world guide to building robust, commercial-grade Android apps. Now, authors Lauren Darcey and Shane Conder have systematically revised and updated this guide for the latest Android SDK 4.0. To accommodate their extensive new coverage, they've split the book into two volumes. Volume I focuses on Android essentials, including setting up your development environment, understanding the application lifecycle, designing effective user interfaces, developing for diverse devices, and optimizing your mobile app development process--from design through publishing. Every chapter has been thoroughly updated for the newest APIs, tools, utilities, and hardware. All sample code has been overhauled and tested on leading devices from multiple companies, and many new examples have been added. Drawing on decades of in-the-trenches experience as professional mobile developers, Darcey and Conder provide valuable new best practices--including powerful techniques for constructing more portable apps. This new edition contains full chapters on Android manifest files, content providers, effective app design, and testing; an all-new chapter on tackling compatibility issues; coverage of today's most valuable new Android tools and utilities; and even more exclusive tips and tricks. An indispensable resource for every Android development team member.

Today more than ever, series finales have become cultural touchstones that feed watercooler fodder and Twitter storms among a committed community of viewers. While the final episodes of *The Fugitive* and *M*A*S*H* continue to rank among the highest rated broadcasts, more recent shows draw legions of binge-watching fans. Given the importance of finales to viewers and critics alike, Howard and Bianculli along with the other contributors explore these endings and what they mean to the audience, both in terms of their sense of narrative and as episodes that epitomize an entire show. Bringing together a veritable "who's who" of television scholars, journalists, and media experts, including Robert Thompson, Martha Nochimson, Gary Edgerton, David Hinckley, Kim Akass, and Joanne Morreale, the book offers commentary on some of the most compelling and often controversial final episodes in television history. Each chapter is devoted to a separate finale, providing readers with a comprehensive survey of these watershed moments. Gathering a unique international lineup of journalists and media scholars, the book also offers readers an intriguing variety of critical voices and perspectives.

In emerging and global economies, e-commerce and e-business have become increasingly necessary components of business strategy and strong catalysts for economic development. **Strategic and Pragmatic E-Business: Implications for Future Business Practices** disseminates information on the new practices and techniques in e-business and promotes a better understanding of contemporary issues and solutions to existing and emerging challenges. Making prospective audiences aware of concurrent business needs, models, trends, methods, and techniques, this book targets: e-commerce vendors, business managers, entrepreneurs, software industries, the digital media world, and online merchants who wish to build strong consumer brands.

"Proven methodologies, technical rigor, and from-the-trenches experience to countering mobile security exploits--from the bestselling coauthor of the original *Hacking Exposed*. **Hacking Exposed Mobile** focuses on the security of applications running on mobile devices, specifically mobile phones. This book focuses on Android OS, as well as operating systems from Microsoft and Apple. As businesses rush their mobile products to market and conduct business transactions via mobile devices, vast new security risks, vulnerabilities, and exploits are of great concern. This book addresses all of these issues and provides proven solutions for securing mobile applications. No other book on hacking rivals the original, bulletproof pedagogy of this book's clear-cut Hack/Countermeasure approach. Proven strategies for preventing, detecting, and remediating common technology and architecture weaknesses and maintaining tight security controls permanently. Accessible style and format: attacks/countermeasures; risk ratings; case studies; self-assessment tips; check lists; and organizational strategies"--

Workplace technology is evolving at an accelerated pace, driving innovation, productivity, and efficiency to exceedingly high levels. Businesses both small and large must keep up with these changes in order to compete effectively with fellow enterprises. **The Handbook of Research on Enterprise 2.0: Technological, Social, and Organizational Dimensions** collects the most recent developments in evaluating the technological, organizational, and social dimensions of modern business practices in order to better foster advances in information exchange and collaboration among networks of partners and customers. This crucial reference supports managers and business professionals, as well as members of academia, IT specialists, and network developers in enhancing business practices and obtaining competitive advantage.

Covering all the essentials of modern Android development, an updated, real-world guide to creating robust, commercial-grade Android apps offers expert insights for the entire app development lifecycle, from concept to market. Original.

Provides information on how to protect mobile devices against online threats and describes how to back up and restore data and develop and implement a mobile security plan. Darius Kellner speaks better Klingon than Farsi, and he knows more about Hobbit social cues than Persian ones. He's a Fractional Persian-half, his mom's side--and his first-ever

trip to Iran is about to change his life. Darius has never really fit in at home, and he's sure things are going to be the same in Iran. His clinical depression doesn't exactly help matters, and trying to explain his medication to his grandparents only makes things harder. Then Darius meets Sohrab, the boy next door, and everything changes. Soon, they're spending their days together, playing soccer, eating faludeh, and talking for hours on a secret rooftop overlooking the city's skyline. Sohrab calls him Darioush—the original Persian version of his name—and Darius has never felt more like himself than he does now that he's Darioush to Sohrab.

Strategy is a much-discussed, much-misunderstood topic among managers. In this new edition of *The Strategic Manager*, Harry Sminia continues to focus on how strategy works in practice, questioning readers' existing expectations that strategy is a matter of strategic planning in order to help them to move into practicing strategy as an everyday activity. The book is based around six different strategy theories, individually presented and supplemented with useful lists of questions that encourage readers to become competent strategic thinkers. Bridging theory and practice, a range of real life case studies open a window into the real world of strategic management. Essential reading for postgraduate students and those in executive education, this text will also be a useful tool for managers trying to develop a better understanding of this easily confused subject.

The growing but still evolving success of the Android platform has ushered in a second mobile technology “gold rush” for app developers. Google Play and Amazon Appstore for Android apps has become the second go-to apps eco for today's app developers. While not yet as large in terms of number of apps as iTunes, Google Play and Amazon Appstore have so many apps that it has become increasingly difficult for new apps to stand out in the crowd. Achieving consumer awareness and sales longevity for your Android app requires a lot of organization and some strategic planning. Written for today's Android apps developer or apps development shop, this new and improved book from Apress, *The Business of Android Apps Development, Second Edition*, tells you today's story on how to make money on Android apps. This book shows you how to take your app from idea to design to development to distribution and marketing your app on Google Play or Amazon Appstore. This book takes you step-by-step through cost-effective marketing, public relations and sales techniques that have proven successful for professional Android app creators and indie shops—perfect for independent developers on shoestring budgets. It even shows you how to get interest from venture capitalists and how they view a successful app vs. the majority of so-so to unsuccessful apps in Android. No prior business knowledge is required. This is the book you wish you had read before you launched your first app! What you'll learn How to take your app from idea to design to development to distributing and marketing your app on Google Play or Amazon Appstore How do Venture Capitalists validate new App Ideas, and use their techniques. How to monetize your app: Freemium, ads, in-app purchasing and more What are the programming tips and tricks that help you sell your app How to optimize your app for the marketplace How to marketing your app How to listen to your customer base, and grow your way to greater revenue Who this book is for This book is for those who have an idea for an app, but otherwise may know relatively little about entrepreneurship, app development, or even business in general. You should be able to pick up this book and feel like someone is holding your hand as they go through the process of evaluating your idea, learning to code, placing your app in the marketplace, marketing your app, and finally, improving your app to meet the needs of your customer base. Table of Contents 1. The Android Market: A Background 2. Making Sure Your App Will Succeed 3. Legal Issues: Better Safe Than Sorry 4. A Brief Introduction to Android Development 5. Develop Apps Like a Pro 6. Making Money with Ads on Your Application 7. In-App Billing: Putting A Store in Your Application 8. Making App Marketplaces Work for You 9. Getting The Word Out 10. After You Have A User Base

Mobile computing skills are becoming standard in the IT industry *Mobile Computing Deployment and Management: Real World Skills for CompTIA Mobility+ Certification and Beyond* is the ultimate reference for mobile computing. Certified Wireless Network Expert Robert J. Bartz guides IT and networking professionals through the fundamental and advanced concepts of mobile computing, providing the information and instruction necessary to get up to speed on current technology and best practices. The book maps to the CompTIA Mobility+ (MB0-001) exam, making it an ideal resource for those seeking this rewarding certification. The mobile device has already overshadowed the PC as a primary means for Internet access for a large portion of the world's population, and by 2020, there will be an estimated 10 billion mobile devices worldwide. Mobile connectivity has become the new standard for business professionals, and when combined with cloud computing, it creates a world where instant access is the norm. To remain relevant, IT professionals must hone their mobile skills. The ability to manage, develop, and secure a mobile infrastructure is quickly becoming a key component to entering the IT industry, and professionals lacking those skills will be left behind. This book 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 computing expert. IT professionals looking to expand their capabilities need look no further than *Mobile Computing Deployment and Management: Real World Skills for CompTIA Mobility+ Certification and Beyond* for the most comprehensive approach to mobile computing on the market today.

From Nobel Prize–winning economist Jean Tirole, a bold new agenda for the role of economics in society When Jean Tirole won the 2014 Nobel Prize in Economics, he suddenly found himself being stopped in the street by complete strangers and asked to comment on issues of the day, no matter how distant from his own areas of research. His transformation from academic economist to public intellectual prompted him to reflect further on the role economists and their discipline play in society. The result is *Economics for the Common Good*, a passionate manifesto for a world in which economics, far from being a “dismal science,” is a positive force for the common good. Economists are rewarded for writing technical papers in scholarly journals, not joining in public debates. But Tirole says we urgently need economists to engage with the many challenges facing society, helping to identify our key objectives and the tools needed to meet them. To show how economics can help us realize the common good, Tirole shares his insights on a broad array of questions affecting our everyday lives and the future of our society, including global warming, unemployment, the post-2008 global financial order, the euro crisis, the digital revolution, innovation, and the proper balance between the free market and regulation. Providing a rich account of how economics can benefit everyone, *Economics for the Common Good* sets a new agenda for the role of economics in society.

The miniature web applications known as gadgets (or widgets) are a key component of the distributed web and an ideal way to publish your content far beyond the reach of your own web site. Packaging web content and functionality into a gadget enables it to be seen anywhere from iGoogle to the iPhone—wherever the user may be, on or off the traditional web. Everyone can access your content without having to visit your web site. This book is a practical guide to building gadgets that will work everywhere, from handheld devices to any site on the web. The core methodology is to develop a single code base that will run on all platforms, multiplying the syndication opportunities for maximum return on your development investment. Extending this approach is a technique of abstracting key API calls from the various gadget platforms into a single interface layer, implemented in the book as a compact JavaScript class, allowing your gadgets full access to every platform's power without your having to rewrite your code for each. Learn the key concepts for successfully syndicating web content via gadgets. Build platform-agnostic gadgets that run on all the major web portals. Deploy your gadgets to web-enabled handheld devices.

In *Bulletproof Android*, Godfrey Nolan brings together comprehensive, up-to-date best practices for writing apps that resist attack and won't leak information: yours, or your users. Unlike other Android security books focused on breaking code, *Bulletproof Android* focuses on strengthening code security throughout your entire development lifecycle. Nolan thoroughly addresses crucial issues including: Protecting code that communicates with back-end web servers ; Safeguarding Android databases, including SQLite and SQLCipher ; Resisting web service attacks via XSS, SQL injection, and other means ; Using webviews securely Enabling secure user login and information transmission ; Protecting code and business rules from reverse engineering ; Safely integrating third-party libraries ; Taking advantage of encryption, SELinux, Knox, and Mobile Device Management ; Futureproofing code: DVM, ART, and beyond ; and much more. Each tactic and technique is presented with working code examples and practical advice -- including expert insights into pros, cons, and tradeoffs. All source code is available for download, and each subsection is supported with a complete sample app that demonstrates security problems and how to solve them.

This three-volume-set (CCIS 219, CCIS 220, and CCIS 221) constitutes the refereed proceedings of the International Conference on ENTERprise Information Systems, CENTERIS 2011, held in Vilamoura, Portugal, in September 2011. The approx. 120 revised full papers presented in the three volumes were carefully reviewed and selected from 180 submissions. The papers are organized in topical sections on knowledge society, EIS adoption and design, EIS implementation and impact, EIS applications, social aspects and IS in education, IT/IS management, telemedicine and imaging technologies, healthcare information management, medical records and business processes, decision support systems and business intelligence in health and social care contexts, architectures and emerging technologies in healthcare organizations, as well as m-health.

Summary Android in Action, Third Edition is a comprehensive tutorial for Android developers. This fast-paced book puts you in the driver's seat -- you'll master the SDK, build WebKit apps using HTML 5, and even learn to extend or replace Android's built-in features by building useful and intriguing examples. About the Technology When it comes to mobile apps, Android can do almost anything, and with this book, so can you! Android, Google's popular mobile operating system and SDK for tablets and smart phones, is the broadest mobile platform available. It is Java-based, HTML5-aware, and loaded with the features today's mobile users demand. About this Book *Android in Action, Third Edition* takes you far beyond "Hello Android." You'll master the SDK, build WebKit apps using HTML 5, and even learn to extend or replace Android's built-in features. You'll find interesting examples on every page as you explore cross-platform graphics with RenderScript, the updated notification system, and the Native Development Kit. This book also introduces important tablet concepts like drag-and-drop, fragments, and the Action Bar, all new in Android 3. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside Covers Android 3.x SDK and WebKit development from the ground up Driving a robot with Bluetooth and sensors Image processing with Native C code This book is written for hobbyists and developers. A background in Java is helpful. No prior experience with Android is assumed. =====

Table of Contents PART 1 WHAT IS ANDROID? THE BIG PICTURE Introducing Android Android's development environment PART 2 EXERCISING THE ANDROID SDK User interfaces Intents and Services Storing and retrieving data Networking and web services Telephony Notifications and alarms Graphics and animation Multimedia 1Location, location, location PART 3 ANDROID APPLICATIONS Putting Android to work in a field service application Building Android applications in C PART 4 THE MATURING PLATFORM Bluetooth and sensors Integration Android web development AppWidgets Localization Android Native Development Kit Activity fragments Android 3.0 action bar Drag-and-drop

Get a thorough and practical introduction to Unity development for Android devices with no previous experience with game development needed. In this book, you'll go through every step from downloading and installing Unity and the Android SDK, to creating fully functional games. The bulk of *Learn Unity for Android Game Development* is a simple project to create a 2D platform game complete with touchscreen controls, physics, enemies, respawning, collectibles and more. The book closes with a brief introduction to creating 3D games, virtual reality games for the Gear VR, and other more advanced applications. It also provides some guidance on publishing and marketing, as well as thinking about game design and mechanics. Resources including sprites and scripts are provided in the code download. What You Will Learn Install Unity with the Android SDK Understand and use scripts, prefabs and Android Studio Design a great game Build a game app Add a bit of polish Deploy for various Android devices Build and deploy for 3D games, virtual reality and more Promote your game and make money Who This Book Is For This book requires no previous experience with programming or game development of any kind. Prior experience with the Android ecosystem recommended.

Create applications for all major smartphone platforms Creating applications for the myriad versions and varieties of mobile phone platforms on the market can be daunting to even the most seasoned developer. This authoritative guide is written in such a way that it takes your existing skills and experience and uses that background as a solid foundation for developing applications that cross over between platforms, thereby freeing you from having to learn a new platform from scratch each time. Concise explanations walk you through the tools and patterns for developing for all the mobile platforms while detailed steps walk you through setting up your development environment for each platform. Covers all the major options from native development to web application development Discusses major third party platform development acceleration tools, such as Appcelerator and PhoneGap Zeroes in on topics such as developing applications for Android, IOS, Windows Phone 7, and Blackberry Professional Mobile Cross Platform Development shows you how to best exploit the growth in mobile platforms, with a minimum of hassle.

Do you know that organizations and IT departments scramble to devise a good strategy for enterprise mobility? Surprisingly, only half of them have well-defined mobile strategies, confirms a recent survey of over six hundred companies by IBM. Now this is where a handbook for enterprise mobility can be instrumental for CIOs, CTOs, and IT decision-makers who look for creating robust enterprise mobile strategies and solutions. This book shares some of the practical cases related with enterprise mobility, which will be relevant and resourceful for enterprises seeking to get through their own obstacles and setbacks. It is divided into four major sections comprised of following: 1. The Mobility Revolution 2. Enterprise Mobility in the Workplace 3. The Scope of Enterprise Mobility 4. Other Aspects of Enterprise Mobility These sections further unfold into thirteen chapters. This book should also help you explore and understand the key aspects like mobile device management (MDM), BYOD, and mobile security. Precisely, it could be no less than a handbook for CIOs, CTOs, and organizations who want to enable enterprise mobility effectively.

Smartphones have sparked a huge, new software segment - the mobile app. This creates an important pair of questions for user assistance professionals: What is our role going forward in mobile and how can we prepare to take that on? User Assistance does have a role in supporting mobile apps. As the mobile app market continues to soar, this is

becoming the next frontier for user assistance professionals. This book provides unique and detailed instruction and guidance regarding design, writing, tools, and planning of your mobile UA. This edition is fully revised with over 300 pages of new content.

A hands-on guide to building mobile applications, Professional Android Application Development features concise and compelling examples that show you how to quickly construct real-world mobile applications for Android phones. Fully up-to-date for version 1.0 of the Android software development kit, it covers all the essential features, and explores the advanced capabilities of Android (including GPS, accelerometers, and background Services) to help you construct increasingly complex, useful, and innovative mobile applications for Android phones. What this book includes An introduction to mobile development, Android, and how to get started. An in-depth look at Android applications and their life cycle, the application manifest, Intents, and using external resources. Details for creating complex and compelling user interfaces by using, extending, and creating your own layouts and Views and using Menus. A detailed look at data storage, retrieval, and sharing using preferences, files, databases, and Content Providers. Instructions for making the most of mobile portability by creating rich map-based applications as well as using location-based services and the geocoder. A look at the power of background Services, using threads, and a detailed look at Notifications. Coverage of Android's communication abilities including SMS, the telephony APIs, network management, and a guide to using Internet resources Details for using Android hardware, including media recording and playback, using the camera, accelerometers, and compass sensors. Advanced development topics including security, IPC, advanced 2D / 3D graphics techniques, and user–hardware interaction. Who this book is for This book is for anyone interested in creating applications for the Android mobile phone platform. It includes information that will be valuable whether you're an experienced mobile developer or making your first foray, via Android, into writing mobile applications. It will give the grounding and knowledge you need to write applications using the current SDK, along with the flexibility to quickly adapt to future enhancements.

Smartphones have been widely accepted by mass market users and enterprise users. However, the threats related to Smartphones have emerged. Smartphones carry substantial amounts of sensitive data. There have been successful attacks in the wild on jail broken phones. Therefore, smartphones need to be treated like a computer and have to be secured from all types of attacks. There is proof of concept attacks on Apple iOS and Google Android. This project aims to analyze some of the attacks on Smartphones and find possible solutions in order to defend the attacks. Thereby, this project is based on a proof of concept malware for testing antivirus software.

The must-have guide to the CWTS exam, updated for 2017 CWTS Certified Wireless Technology Specialist Study Guide is your number-one resource for comprehensive exam preparation. Updated to study in 2017 and beyond, this book takes a multi-modal approach to ensure your complete confidence and ability for the big day: full coverage of all CWTS exam objectives reinforces your conceptual knowledge, hands-on exercises help hone your practical skills, and the Sybex online learning environment provides flashcards, a glossary, and review questions to help you test your understanding along the way. An objective map and pre-assessment test allow for more efficient preparation by showing you what you already know and what you need to review—and the companion website's complete practice exams give you a "dry run" so you can pinpoint weak areas while there's still time to improve. If you're serious about earning your CWTS certification, this book is your ideal companion for complete and thorough preparation. Learn critical concepts and apply essential skills in areas like hardware and software, radio frequency fundamentals, surveying and installation, support, troubleshooting, security, and more. This guide gives you everything you need to approach the exam with confidence. Master 100 percent of the CWTS exam objectives Use effective planning tools to get the most out of your study time Practice your skills with hands-on exercises and real-world scenarios Access online study aids that let you review any time, any place The CWTS certification gets your foot in the door of a growing industry, and is a stepping stone to the industry standard CWNP certification. The exam will test your abilities in all fundamental areas of Wi-Fi technology, so it's important that your study plan be complete and up-to-date. CWTS Certified Wireless Technology Specialist Study Guide is your ideal solution for comprehensive preparation.

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