

Beginning Android Tablet Application Development

Embedded Android is for Developers wanting to create embedded systems based on Android and for those wanting to port Android to new hardware, or creating a custom development environment. Hackers and moders will also find this an indispensable guide to how Android works.

Offers software developers step-by-step instructions on how to create and distribute their first marketable, professional tablet Android 3 application.

A must-have collection of ready-to-use Android recipes! The popularity of Google Android devices is seemingly unstoppable and the Android 4 release offers, for the first time, a single OS solution for building both phone and tablet applications. With that exciting information in mind, veteran author Wei-Meng Lee presents you with 100 unique recipes that you can apply today in order to discover solutions to some of the most commonly encountered problems that exist in Android programming. Covering the scope of multiple Android releases up through Android 4, this reference features a task description, followed by the solution(s) available, and a standalone project file that illustrates the use of the recipe. Formatting each recipe to be standalone, Wei-Meng Lee allows you to jump into the relevant recipe to find a solution to specific challenges. Identifies

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and describes a programming task, provides a step-by-step solution, and presents a full-code solution ready for download Covers multiple Android releases Addresses such topics as user interfaces, telephony and messaging, networking, Google maps, location-based services, persisting data, leveraging hardware features, and more Android Application Development Cookbook is your solution to discovering...solutions!

Create mobile apps for Android phones and tablets using Processing, the free graphics-savvy language and development environment.

Android Application Development For Dummies All-In-One, 3rd Edition gathers six Android For Dummies mini-books into one friendly guide. You'll go from Android newbie all the way to confident programmer and learn to develop apps for the world's largest smart phone market. Kotlin experts Barry Burd and John Paul Mueller introduce you to Android programming from start to finish! Like all For Dummies books, this guide is written with clear explanations and careful organization, so non-technical readers and experienced programmers alike can get up to speed quickly. This new edition covers the latest features and enhancements to the Android platform. Learn how to develop apps for all sorts of devices including: your smartphone, tablet, wearables, TV, auto, and Internet of Things (IoT) like your refrigerator Discover the new Kotlin programming

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language, which makes development easier Create apps even faster than before using the new techniques found in this book Develop apps for the largest smartphone market to reach the biggest possible audience This book focuses on Android 10, the newest and most flexible Android platform. Get started turning your app development dreams into reality today!

Provides information on Android programming, covering such topics as creating an Android application, using the Eclipse Workbench, Java, XML, broadcast receivers, and the Android Market.

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

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and adjust display orientation Reviews the variety of views such as TextView, ProgressBar, TimePicker, and more Beginning Android Application Development pares down the most essential steps you need to know so you can start creating Android applications today.

Learn all the Java and Android skills you need to start making powerful mobile applications About This Book Kick-start your Android programming career, or just have fun publishing apps to the Google Play marketplace A first-principles introduction to Java, via Android, which means you'll be able to start building your own applications from scratch Learn by example and build three real-world apps and over 40 mini apps throughout the book Who This Book Is For Are you trying to start a career in programming, but haven't found the right way in? Do you have a great idea for an app, but don't know how to make it a reality? Or maybe you're just frustrated that “to learn Android, you must know java.” If so, Android Programming for Beginners is for you. You don't need any programming experience to follow along with this book, just a computer and a sense of adventure. What You Will Learn Master the fundamentals of coding Java for Android Install and set up your Android development environment Build functional user interfaces with the Android Studio visual designer Add user interaction, data captures, sound, and animation to your apps Manage your apps'

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data using the built-in Android SQLite database Find out about the design patterns used by professionals to make top-grade applications Build, deploy, and publish real Android applications to the Google Play marketplace In Detail Android is the most popular OS in the world. There are millions of devices accessing tens of thousands of applications. It is many people's entry point into the world of technology; it is an operating system for everyone. Despite this, the entry-fee to actually make Android applications is usually a computer science degree, or five years' worth of Java experience. Android Programming for Beginners will be your companion to create Android applications from scratch—whether you're looking to start your programming career, make an application for work, be reintroduced to mobile development, or are just looking to program for fun. We will introduce you to all the fundamental concepts of programming in an Android context, from the Java basics to working with the Android API. All examples are created from within Android Studio, the official Android development environment that helps supercharge your application development process. After this crash-course, we'll dive deeper into Android programming and you'll learn how to create applications with a professional-standard UI through fragments, make location-aware apps with Google Maps integration, and store your user's data with SQLite. In addition, you'll see how to

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make your apps multilingual, capture images from a device's camera, and work with graphics, sound, and animations too. By the end of this book, you'll be ready to start building your own custom applications in Android and Java. Style and approach With more than 40 mini apps to code and run, *Android Programming for Beginners* is a hands-on guide to learning Android and Java. Each example application demonstrates a different aspect of Android programming. Alongside these mini apps, we push your abilities by building three larger applications to demonstrate Android application development in context.

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

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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.

Revised edition of first part of: *Android wireless application development* / Shane Conder, Lauren Darcey. c2010.

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A full-color, fast-paced introduction to developing tablet applications using Android.

Each book aims to teach an important technology or programming language and is designed to take a person from being a novice to a professional by including the most essential information and explaining step by step how to put together real-world projects.

A full-color, fast-paced introduction to developing tablet applications using Android The new release of Android 3 brings the full power of Android to tablet computing and this hands-on guide offers an introduction to developing tablet applications using this new Android release. Veteran author Wei-Meng Lee explains how Android 3 is specifically optimized for tablet computing and he details Android's tablet-specific functions. Beginning with the basics, this book moves at a steady pace to provide everything you need to know to begin successfully developing your own Android tablet applications. Serves as a full-color, hands-on introduction to developing tablet applications with the new Android 3 Offers a helpful overview of Android 3 programming for tablets Details the components of Android tablet applications Highlights ways to build the Android user interface for tablets, create location-based services, publish Android applications, use Eclipse for Android development, and employ the Android

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emulator Beginning Android Tablet Application Development is an ideal starting point for getting started with using Android 3 to develop tablet applications. Android games programmers now have the power to write games for Android tablets. Beginning Android Tablet Games Programming explains how to enhance your Android games using the new tablet interface and the additional screen estate. You'll learn how to bring your programming skills up to date and into a world where touch screens, games physics, and artificial intelligence come together in new and surprising ways. Beginning Android Tablet Games Programming shows how to quickly and easily set up an Android development environment—in no time at all, you'll be programming away. You'll begin with some simple games using sprites and choreographed movement. Next, you'll learn how to handle user input in the modern age of touch screens and motion. Along the way, you'll discover how to use that extra screen space on a tablet to provide more relaxed and more interesting user interactions in your games. You'll learn how to use sound and music, for instance, to make your application menus more user-friendly. The Android operating system has recently acquired multicore functionality to meet the demands of multicore devices now entering the tablet market. With Beginning Android Tablet Games Programming, you'll discover how to harness that new power with your games programming through

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more process-demanding and fun techniques, including physics modeling, rich game world representation, artificial intelligence, and multiplayer interactions. Throughout each chapter of *Beginning Android Tablet Games Programming*, you'll find code that you can add or adapt to your own games to create the components you want. You can also work up to wrapping everything together into a complete Mario-type example game. Finally, when you have your first games ready, learn how developers have released their games and made a profit. You'll find tips on how to present your games in the Android and other application markets, and a solid approach to games marketing and monetization.

Beginning Android Tablet Programming starts off by showing how to get your system ready for Android tablet programming. You won't need any previous Android experience, because you'll learn all about the basic structure of an Android program and how the Android operating system works—and then you'll learn how to write your first Android tablet application from scratch! *Beginning Android Tablet Programming* then equips you to build a set of interesting and fully-working Android tablet applications. These projects will give you the inspiration and insights to build your own Android programs in the future. You'll be introduced to 2D programming, and you'll see what you can do with a touch screen interface and the Honeycomb SDK. Of course, 3D programming is even

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more alluring for many programmers. If that includes you, you'll learn about how Honeycomb has changed the game for Android graphics programming, and get your first taste of 3D programming on an Android tablet. Lights, camera, action! You'll learn along the way how Android Honeycomb gives you access, through your programming, to all those interesting sensors that tablet computers are equipped with today—beyond the touch screen itself. You'll learn, for example, how you to use a tablet GPS sensor to locate your car! You'll also discover how you can access files on your tablet—or on the web—through programming, and then build on that insight to create your own file browser application. This Android project contains many useful coding techniques appropriate for many situations you might encounter in your future programming Android tablet applications; you'll be glad to have them under your belt. So do you want to write programs that can receive and send reminder messages via SMS? Do you want to write your first 2D or 3D game on Android? Perhaps you'd like to write an application that sorts out all your contacts for you! Beginning Android Tablet Programming introduces you to Android tablet programming, and shows how you can program your Android tablet from scratch to do what you want!

Beginning Android C++ Game Development introduces general and Android game developers like you to Android's powerful Native Development Kit (NDK).

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The Android NDK platform allows you to build the most sophisticated, complex and best performing game apps that leverage C++. In short, you learn to build professional looking and performing game apps like the book's case study, Droid Runner. In this book, you'll learn all the major aspects of game design and programming using the Android NDK and be ready to submit your first professional video game app to Google Play and Amazon Appstore for today's Android smartphones and tablet users to download and play. The techniques contained in this book include building a game engine, writing a renderer, and building a full game app with entities, game levels and collisions. As part of the tutorial you'll also learn about inserting perspectives using cameras and including audio in your game app.

Beginning Android 4 is an update to Beginning Android 3, originally written by Mark Murphy. It is your first step on the path to creating marketable apps for the burgeoning Android Market, Amazon's Android Appstore, and more. Google's Android operating-system has taken the industry by storm, going from its humble beginnings as a smartphone operating system to its current status as a platform for apps that run across a gamut of devices from phones to tablets to netbooks to televisions, and the list is sure to grow. Smart developers are not sitting idly by in the stands, but are jumping into the game of creating innovative and salable applications for this fast-growing, mobile- and consumer-device platform. If you're not in the game yet, now is your chance! Beginning Android 4 is fresh with details on the latest iteration of the Android

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platform. Begin at the beginning by installing the tools and compiling a skeleton app. Move through creating layouts, employing widgets, taking user input, and giving back results. Soon you'll be creating innovative applications involving multi-touch, multi-tasking, location-based feature sets using GPS. You'll be drawing data live from the Internet using web services and delighting your customers with life-enhancing apps. Not since the PC era first began has there been this much opportunity for the common developer. What are you waiting for? Grab your copy of Beginning Android 4 and get started!

Learn Android App Development is a hands-on tutorial and useful reference. You'll quickly get up to speed and master the Android SDK and the Java that you need for your Android Apps. The Android SDK offers powerful features, and this book is the fastest path to mastering them—and the rest of the Android SDK—for programmers with some experience who are new to Android smartphone and tablet apps development. Many books introduce the Android SDK, but very few explain how to develop apps optimally. This book teaches both core Java language concepts and how to wisely but rapidly employ the design patterns and logic using the Android SDK, which is based on Java APIs. You'll also learn best practices that ensure your code will be efficient and perform well. Get an accelerated but complete enough treatment of the fundamentals of Java necessary to get you started. Design your first app using prototyping and other design methods. Build your first Android app using the code given over the course of the book. Finally, debug and distribute your first app on Google Play or other Android app store. After reading this book, you'll have your first app ready and on the app store, earning you the prestige and the money you seek.

Apple's iPad is the ultimate consumer device for media consumption and communication. This

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book will help you jumpstart your iPad development. It covers topics progressively so you learn without being overwhelmed by details. Adopting the philosophy that the best way to learn is by doing, the book has numerous Try It Out sections that first show you how to build something and then explain how things work. To truly benefit from this book, you should have some background in programming and at least be familiar with object-oriented programming concepts.

Anybody can start building simple apps for the Android platform, and this book will show you how! Android Apps for Absolute Beginners takes you through the process of getting your first Android applications up and running using plain English and practical examples. It cuts through the fog of jargon and mystery that surrounds Android application development, and gives you simple, step-by-step instructions to get you started. Teaches Android application development in language anyone can understand, giving you the best possible start in Android development Provides simple, step-by-step examples that make learning easy, allowing you to pick up the concepts without fuss Offers clear code descriptions and layout so that you can get your apps running as soon as possible

What people are saying about Building iPhone Apps w/ HTML, CSS, and JavaScript "The future of mobile development is clearly web technologies like CSS, HTML and JavaScript. Jonathan Stark shows you how to leverage your existing web development skills to build native iPhone applications using these technologies." --John Allsopp, author and founder of Web Directions "Jonathan's book is the most comprehensive documentation available for developing web applications for mobile Safari. Not just great tech coverage, this book is an easy read of purely fascinating mobile tidbits in a fun colloquial style. Must have for all

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PhoneGap developers." -- Brian LeRoux, Nitobi Software It's a fact: if you know HTML, CSS, and JavaScript, you already have the tools you need to develop your own iPhone apps. With this book, you'll learn how to use these open source web technologies to design and build apps for the iPhone and iPod Touch on the platform of your choice-without using Objective-C or Cocoa. Device-agnostic mobile apps are the wave of the future, and this book shows you how to create one product for several platforms. You'll find guidelines for converting your product into a native iPhone app using the free PhoneGap framework. And you'll learn why releasing your product as a web app first helps you find, fix, and test bugs much faster than if you went straight to the App Store with a product built with Apple's tools. Build iPhone apps with tools you already know how to use Learn how to make an existing website look and behave like an iPhone app Add native-looking animations to your web app using jQTouch Take advantage of client-side data storage with apps that run even when the iPhone is offline Hook into advanced iPhone features -- including the accelerometer, geolocation, and vibration -- with JavaScript Submit your applications to the App Store with Xcode This book received valuable community input through O'Reilly's Open Feedback Publishing System (OFPS).

Beginning Android 4 Application Development John Wiley & Sons

Create HTML5, JQuery, and CSS3-based hybrid applications and deploy them on multiple mobile devices, including on Android, iOS and Windows Phone. This kind of application development has the edge over native application development. Beginning Hybrid Mobile Application Development shows you how you can convert existing web application into mobile applications with minimal effort. You'll see how hybrid applications can give many web applications a larger audience by making them available as mobile applications. What You Will

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Learn Understand the basics of hybrid application development Discover the platforms and frameworks used for hybrid application development Master hybrid application development using the available APIs Access data in hybrid application See the role of JSON versus XML in hybrid applications Secure your code Who This Books Is For Mobile and web application developers.

Learn Android Studio covers Android Studio and its rich tools ecosystem, including Git and Gradle: this book covers how Android Studio works seamlessly with Git, for source control, and Gradle, a build and test tool. In addition, this book demonstrates how to develop/ collaborate with remote Git web-hosting services such as GitHub and Bitbucket. Four complete Android projects accompany this volume and are available for download from a public Git repository. With this book, you learn the latest and most productive tools in the Android tools ecosystem, and the best practices for Android app development. You will be able to take away the labs' code as templates or frameworks to re-use and customize for your own similar apps. Android Studio is an intuitive, feature-rich, and extremely forgiving Integrated Development Environment (IDE). This IDE is more productive and easier to use for your Android app creations than Eclipse. With this book you will quickly master Android Studio and maximize your Android development time. Source code on the remote web-hosting service is targeted to the latest Android Studio release, version 1.2.

Presents a guide to Android application development using the app-driven approach for sixteen fully tested apps that include syntax, code walkthroughs, and sample outputs.

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The updated edition of the bestselling guide to Android app development. If you have ambitions to build an Android app, this hands-on guide gives you everything you need to dig into the development process and turn your great idea into a reality! In this new edition of *Android App Development For Dummies*, you'll find easy-to-follow access to the latest programming techniques that take advantage of the new features of the Android operating system. Plus, two programs are provided: a simple program to get you started and an intermediate program that uses more advanced aspects of the Android platform. Android mobile devices currently account for nearly 80% of mobile phone market share worldwide, making it the best platform to reach the widest possible audience. With the help of this friendly guide, developers of all stripes will quickly find out how to install the tools they need, design a good user interface, grasp the design differences between phone and tablet applications, handle user input, avoid common pitfalls, and turn a "meh" app into one that garners applause. Create seriously cool apps for the latest Android smartphones and tablets. Adapt your existing apps for use on an Android device. Start working with programs and tools to create Android apps. Publish your apps to the Google Play Store. Whether you're a new or veteran programmer, *Android App Development For Dummies* will have you up and running with the ins and outs of the Android platform in no time.

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Understand Android OS for both smartphone and tablet programming This fast-paced introduction to the newest release of Android OS gives aspiring mobile app developers what they need to know to program for today's hottest Android smartphones and tablets. Android 4 OS is, for the first time, a single solution for both smartphones and tablets, so if you master the information in this helpful guide, you'll be well on your way to successful development for both devices. From using activities and intents and creating rich user interfaces to working with SMS, messaging APIs, and the Android SDK, what you need is here. Provides clear instructions backed by real-world programming examples Begins with the basics and covers everything Android 4 developers need to know for both smartphones and tablets Explains how to customize activities and intents, create rich user interfaces, and manage data Helps you work with SMS and messaging APIs, the Android SDK, and using location-based services Details how to package and publish your applications to the Android Market Beginning Android 4 Application Development pares down the most essential steps you need to know so you can start creating Android applications today. Your all-encompassing guide to learning Android app development If you're an aspiring or beginning programmer interested in creating apps for the Android market—which grows in size and downloads every day—this is your

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comprehensive, one-stop guide. *Android Application Development All-in-One For Dummies* covers the information you absolutely need to get started developing apps for Android. Inside, you'll quickly get up to speed on Android programming concepts and put your new knowledge to use to manage data, program cool phone features, refine your applications, navigate confidently around the Android native development kit, and add important finishing touches to your apps. Covering the latest features and enhancements to the Android Software Developer's Kit, this friendly, hands-on guide walks you through Android programming basics, shares techniques for developing great Android applications, reviews Android hardware, and much more. All programming examples, including the sample application, are available for download from the book's website. Information is carefully organized and presented in an easy-to-follow format. 800+ pages of content make this an invaluable resource at an unbeatable price. Written by an expert Java educator, Barry Burd, who authors the bestselling *Java For Dummies*. Go from Android newbie to master programmer in no time with the help of *Android Application Development All-in-One For Dummies!*

This book covers Android app design fundamentals in Android Studio using Java programming language. The author assumes you have no experience in app

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development. The book starts with the installation of the required development environment and setting up the emulators. Then, the simplest "Hello World" app is developed step by step. In the next chapter, basics of the Java programming language are given with practical examples. Screenshots and code snippets are clearly given in the book to guide the reader. After the Java lecture, 6 complete Android apps are developed again by step by step instructions. Each code line is explained. As the reader follows the development of the example apps, he/she will learn designing user interfaces, connecting interface objects to code, developing efficient Java code and testing the app on emulators and real devices. The sample apps developed in this book are as follows: 1. Headlight app: Learn the basics of app development and use buttons in your code. 2. Body mass index (BMI) calculator app: Using input boxes, performing calculations and displaying the results on the screen. 3. Simple dice roller app: Using random number generator functions, including images in your project, displaying images on the screen and changing the displayed image programmatically. 4. The compass app: Accessing the magnetic field sensor, setting required permissions, extracting the direction angle and animating a compass figure. 5. Show my location app: Creating a map project, setting required permissions, accessing GPS device and showing real time location on the map. 6. S.O.S. sender app:

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Adding SMS functionality, setting required permissions and sending real time location using SMS. This book includes 146 figures and 114 code snippets that are used to explain app development concepts clearly. Full resolution colour figures and project files can be viewed and downloaded from the the book's website: www.android-java.website.

Beginning Android 4 Games Development offers everything you need to join the ranks of successful Android game developers. You'll start with game design fundamentals and programming basics, and then progress toward creating your own basic game engine and playable game that works on Android 4.0 and earlier devices. This will give you everything you need to branch out and write your own Android games. The potential user base and the wide array of available high-performance devices makes Android an attractive target for aspiring game developers. Do you have an awesome idea for the next break-through mobile gaming title? Beginning Android 4 Games Development will help you kick-start your project. The book will guide you through the process of making several example games for the Android platform, and involves a wide range of topics: The fundamentals of Android game development targeting Android 1.5-4.0+ devices The Android platform basics to apply those fundamentals in the context of making a game The design of 2D and 3D games and their successful

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implementation on the Android platform

What will you learn from this book? If you have an idea for a killer Android app, this book will help you build your first working application in a jiffy. You'll learn hands-on how to structure your app, design interfaces, create a database, make your app work on various smartphones and tablets, and much more. It's like having an experienced Android developer sitting right next to you! All you need is some Java know-how to get started. Why does this book look so different? Based on the latest research in cognitive science and learning theory, *Head First Android Development* uses a visually rich format to engage your mind, rather than a text-heavy approach that puts you to sleep. Why waste your time struggling with new concepts? This multi-sensory learning experience is designed for the way your brain really works.

This practical book provides the concepts and code you need to develop software with Android, the open-source platform for cell phones and mobile devices that's generating enthusiasm across the industry. Based on the Linux operating system and developed by Google and the Open Handset Alliance, Android has the potential to unite a fragmented mobile market. *Android Application Development* introduces this programming environment, and offers you a complete working example that demonstrates Android architectural

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features and APIs. With this book, you will: Get a complete introduction to the Android programming environment, architecture, and tools Build a modular application, beginning with a core module that serves to launch modules added in subsequent chapters Learn the concepts and architecture of a specific feature set, including views, maps, location-based services, persistent data storage, 2D and 3D graphics, media services, telephony services, and messaging Use ready-to-run example code that implements each feature Delve into advanced topics, such as security, custom views, performance analysis, and internationalization The book is a natural complement to the existing Android documentation provided by Google. Whether you want to develop a commercial application for mobile devices, or just want to create a mobile mashup for personal use, *Android Application Development* demonstrates how you can design, build, and test applications for the new mobile market.

Offers instructions on creating applications for Android tablets, covering such topics as coding, handling user input, data storage, and updating the Android status bar.

Offers software developers step-by-step instructions on how to create and distribute their first marketable, professional Android application.

Want to build apps for Android devices? This book is the perfect way to master the fundamentals. Written by an expert who's taught this mobile platform to hundreds of

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developers in large organizations, 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. You'll build a Twitter-like application throughout the course of this book, adding new features with each chapter. Along the way, you'll also create your own toolbox of code patterns to help you program any type of Android application with ease. Get an overview of the Android platform and discover how it fits into the mobile ecosystem Learn about the Android stack, including its application framework, and the structure and distribution of application packages (APK) Set up your Android development environment and get started with simple programs Use Android's building blocks—Activities, Intents, Services, Content Providers, and Broadcast Receivers Learn how to build 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 Get an introduction to Android Interface Definition Language (AIDL) and the Native Development Kit (NDK)

The Android development platform, created by Google and the Open Handset Alliance, is a platform in its truest sense, encompassing hundreds of classes beyond the traditional Java classes and open source components that ship with the SDK. With *Beginning Android 2*, you'll learn how to develop applications for Android 2.x mobile devices, using simple examples that are ready to run with your copy of the software development kit. Author, Android columnist, writer, developer, and community advocate

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Mark L. Murphy will show you what you need to know to get started programming Android applications, including how to craft graphical user interfaces, use GPS, and access web services.

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