

LERNEN EINFACH GEMACHT



# Android-Apps programmieren lernen

für  
**dummies**<sup>®</sup>



App-Programmierung  
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über ein Quiz bis zur  
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Arnold Willemer

# Android Programmieren Buch

**Reto Meier**



## **Android Programmieren Buch:**

**Android-Apps programmieren lernen für Dummies** Arnold V. Willemer,2022-07-18 Sie wollen programmieren lernen um eigene Apps für Ihr Android Gerät zu entwickeln Dann sind Sie hier richtig Dieses Buch ist drei Bücher in einem Sie lernen Java begreifen die objektorientierte Programmierung und erhalten eine Einführung in die Android App Entwicklung Wichtige Themen wie die Ansteuerung des Displays oder der Umgang mit der Grafik den Sensoren und GPS werden Ihnen an kleinen Apps vorgeführt Nebenher erfahren Sie noch so einiges über die Spieleprogrammierung und sogar wie Sie JSON Daten aus dem Internet in eine App einbinden Freuen Sie sich auf die spannende Reise die vor Ihnen liegt [Android-Apps programmieren](#) Eugen Richter,2021-01-04 Praktischer Einstieg von den Grundlagen der App Programmierung bis hin zu fortgeschrittenen Techniken Vollständiges Beispielprojekt mit zahlreichen Schritt für Schritt Anleitungen und Praxis Tipps Alle Komponenten professioneller Apps von einer einfachen Activity über Layouts mit XML und Datenbanken bis hin zu Android Binding und automatisierten Tests Mit diesem Buch erhalten Sie einen praktischen Einstieg in die Android App Programmierung mit Java Sie lernen alles was für die professionelle App Entwicklung wichtig ist von den Grundbausteinen einer App über die Layout Erstellung mit XML bis hin zum Einsatz von Datenbanken Der Autor führt Sie anhand eines durchgängigen Praxisbeispiels durch den gesamten Entwicklungsprozess einer App und zeigt Ihnen wie Sie Android Studio effektiv einsetzen Dabei lernen Sie Schritt für Schritt wie Sie Daten verarbeiten und mit Room in einer Datenbank speichern Apps mit mehreren Bildschirmseiten programmieren Dialoge anzeigen Berechtigungen abfragen mit Hintergrundprozessen arbeiten Internet Services einbinden und vieles mehr Abschließend erläutert der Autor wie Sie Ihre App testen und im Google Play Store sowie auf der eigenen Website veröffentlichen Darüber hinaus zeigt er Ihnen verschiedene Möglichkeiten der Monetarisierung auf Grundkenntnisse in objektorientierter Programmierung idealerweise mit Java sowie im Umgang mit XML werden vorausgesetzt **Android Apps erfolgreich programmieren - Best Practices : Von den Grundlagen bis zur professionellen Entwicklung** Egon Hansen,2023-03-08 Erstellen Sie beeindruckende und effektive Android Apps mit diesem umfassenden Leitfaden zur App Entwicklung Von den Grundlagen der Java Programmierung bis hin zu fortgeschrittenen Konzepten wie der Integration von Cloud Services und der Entwicklung von benutzerdefinierten UI Elementen deckt dieses Buch alles ab was Sie benötigen um erfolgreiche Android Apps zu erstellen Mit praktischen Beispielen und Schritt für Schritt Anleitungen ist dieses Buch ideal für Entwickler aller Erfahrungsstufen Beginnen Sie noch heute mit der Entwicklung von Android Apps die Ihre Nutzer begeistern werden [Android-Apps programmieren für Kids](#) Hans-Georg Schumann,2018-09-21 Schritt für Schritt eigene Apps entwickeln Viel Spaß mit selbst programmiertem Code und Smartphone Spielen Mit Fragen und Aufgaben am Ende jedes Kapitels Hattest du auch schon mal eine Idee für eine Smartphone App aber keinen blassen Schimmer wie sich so etwas umsetzen lässt In dieser Neuauflage programmiert unser Autor Hans Georg Schumann zusammen mit dir lustige Spiele Apps mit Android Studio 3 und der Programmiersprache Java

Du lernst mit Komponenten zu arbeiten und traust dich nach und nach auch an komplexere Projekte heran Aber keine Sorge Das h rt sich schwieriger an als es ist Du lernst Schritt f r Schritt und findest am Ende jedes Kapitels Zusammenfassungen bungen und Aufgaben damit du alles Gelernte noch einmal in Ruhe sacken lassen kannst Au erdem erh ltst du genaue Anleitungen wie du diese Spiele Apps in den verschiedensten Varianten programmierst die alle richtig Spa machen Aus dem Inhalt Android Studio starten und den ersten eigenen Code programmieren Wie man einen Android Emulator einsetzt Buttons Leben einhauchen und das Layout einer App anpassen Variablen Strings Operatoren und Zeichenketten kennenlernen Etwas ber das Objekt orientierte Programmieren erfahren Apps f r Mathe und Zensuren sowie ein kleines Ratespiel entwickeln Bilder einsetzen und Animationen erstellen Mit Kollisionen in einem Spiel umgehen Die Spiele Wanzenjagd und Dodger programmieren

**Android App Entwicklung für Dummies** Donn Felker,Michael Burton,2015-12-01 Die ganze Welt der Android App Entwicklung in einem Buch Haben Sie eine kreative Idee f r eine eigene App und Vorkenntnisse in Java und XML Dann erfahren Sie in diesem Buch wie Sie Ihre Idee umsetzen und eine App mit allen Schikanen f r Android Smartphones programmieren k nnen Der Autor erkl rt wie Sie die kostenlosen Programme Android Studio und Java Development Kit herunterladen wie Sie den Emulator nutzen und wie Sie Ihre App im Google Play Store ver ffentlichen Schritt f r Schritt erl utert er anhand von zwei Beispielen das Know how der App Entwicklung Au erdem erkl rt er Ihnen wie Sie Ihre App f r Tablets optimieren Die vollst ndigen Quelltexte werden zum Download angeboten Legen Sie los

*Android Apps Entwicklung für Dummies* Donn Felker,2011-09-06 Welcher Smartphone Besitzer hatte nicht schon einmal eine kreative Idee fr eine eigene App In diesem Buch erfahren Sie wie Sie Ihre Ideen umsetzen und eigene Apps fr Ihr Android Smartphone programmieren knnen Schritt fr Schritt erklrt der Autor wie Sie das kostenlos verfgbare SDK Self Development Kit herunterladen mit der Programmiersoftware Eclipse arbeiten mit der Programmiersprache Java Android Applikationen programmieren und wie Sie Ihre eigenen Apps sogar auf dem Android Markt verkaufen knnen Legen Sie los und entwickeln Sie Ihre ganz persnlichen Apps

**Android Programming** Bryan Sills,Brian Gardner,Kristin Marsicano,Chris Stewart, Android Programming The Big Nerd Ranch Guide is an introductory Android book for programmers with Kotlin experience Based on Big Nerd Ranch s popular Android Bootcamp this guide will lead you through the wilderness using hands on example apps combined with clear explanations of key concepts and APIs This book focuses on practical techniques for developing apps in Kotlin compatible with Android 5 0 Lollipop through Android 8 1 Oreo and beyond Write and run code every step of the way using Android Studio to create apps that integrate with other apps download and display pictures from the web play sounds and more Each chapter and app has been designed and tested to provide the knowledge and experience you need to get started in Android development The Android team is constantly improving and updating Android Studio and other tools As a result some of the instructions provided in the book have changed

**Android Programming for Beginners** John Horton,2021-04-09 Learn the Java and Android skills you need to start developing

powerful mobile applications with the help of actionable steps  
Key Features  
Kick start your Android programming career or just have fun publishing apps to the Google Play marketplace  
Get a first principles introduction to using Java and Android and prepare to start building your own apps from scratch  
Learn by example by building four real world apps and dozens of mini apps  
Book Description  
Do you want to make a career in programming but don't know where to start  
Do you have a great idea for an app but don't know how to make it a reality  
Or are you worried that you'll have to learn Java programming to become an Android developer  
Look no further  
This new and expanded third edition of *Android Programming for Beginners* will be your guide to creating Android applications from scratch  
The book starts by introducing you to all the fundamental concepts of programming in an Android context from the basics of Java to working with the Android API  
You'll learn with the help of examples that use up to date API classes and are created within Android Studio the official Android development environment that helps supercharge your mobile application development process  
After a crash course on the key programming concepts you'll explore Android programming and get to grips with creating applications with a professional standard UI using fragments and storing user data with SQLite  
This Android Java book also shows you how you can make your apps multilingual draw on the screen with a finger and work with graphics sound and animations  
By the end of this Android programming book you'll be ready to start building your own custom applications in Android and Java  
What you will learn  
Understand the fundamentals of coding in 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 data using the built in Android SQLite database  
Explore the design patterns used by professionals to build top grade applications  
Build real world Android applications that you can deploy to the Google Play marketplace  
Who this book is for  
This Android book is for you if you are completely new to Java Android or programming and want to get started with Android app development  
If you have experience of using Java on Android this book will serve as a refresher to help you advance your knowledge and make progress through the early projects covered in the book

*Android-Apps programmieren* Eugen Richter, 2019  
Grundlagen der App Programmierung f r Android mit Java und XML  
Mit einem durchgehenden Beispiel Schritt f r Schritt Apps programmieren lernen F r alle aktuellen Android Versionen  
Eugen Richter vermittelt Ihnen in diesem Buch anschaulich die Grundlagen der Android Programmierung mit Java und XML  
Java Vorkenntnisse sind dabei nicht zwingend erforderlich um optimal mit dem Buch arbeiten zu k nnen reicht ein grundlegendes Verstandnis f r objektorientierte Programmierung aus  
Sie lernen die Grundbausteine einer Android App kennen und wie Sie Android Studio als Entwicklungsumgebung optimal nutzen  
In weiteren praxisnahen Kapiteln erhalten Sie dann ein tieferes Verstandnis f r das Programmieren von Android Apps in Form eines Workshops  
Am Beispiel einer einfachen App lernen Sie die wichtigsten Komponenten kennen die in den meisten modernen Apps zum Einsatz kommen von einer einfachen Activity ber Listen und Datenbanken bis hin zum Internet Zugriff und automatisierten Tests  
So werden alle Techniken und

Technologien am praktischen Einsatz erklärt Sie können direkt loslegen und alle Arbeitsschritte von der Projektanlage bis zum Testen des fertigen Codes an der im Buch programmierten App nachvollziehen Alle Beispieldateien sowie weitere Informationen zu den im Buch angesprochenen Themen finden Sie online auf einer eigens eingerichteten Bitbucket Projektseite Aus dem Inhalt Grundlagen Android Studio Gradle als Build System Projektanlage Layout und Navigation erstellen Einbinden einer SQLite Datenbank Implementieren eines Content Providers Export von Daten Dialoge Verarbeitung im Hintergrund Berechtigungen Trennung von Layout Layout Logik und Businesslogik Internet Zugriff Unit Testing Veröffentlichung der fertigen App Glossar über den Autor Eugen Richter hat langjährige Schulungserfahrung und als Dozent an der Münchener Volkshochschule und als Ausbilder im Unternehmen Sein thematischer Schwerpunkt liegt dabei auf der mobilen Entwicklung von Apps für Android sowie der Cross Plattform Entwicklung *Android* Dirk Louis, Peter Müller, 2016

**Android Recipes** Dave Smith, Jeff Friesen, 2014-02-05 Android continues to be one of the leading mobile OS and development platforms driving today's mobile innovations and the apps ecosystem Android appears complex but offers a variety of organized development kits to those coming into Android with differing programming language skill sets Android Recipes A Problem Solution Approach Third Edition offers more than 100 down to earth code recipes and guides you step by step through a wide range of useful topics using complete and real world working code examples It's updated to include the KitKat Android 4.4 SDK as well as earlier releases Instead of abstract descriptions of complex concepts in Android Recipes you'll find live code examples When you start a new project you can consider copying and pasting the code and configuration files from this book and then modifying them for your own customization needs Crammed with insightful instruction and helpful examples this third edition of Android Recipes is your guide to writing apps for one of today's hottest mobile platforms It offers pragmatic advice that will help you get the job done quickly and well This can save you a great deal of work over creating a project from scratch What you'll learn Use external libraries to save time and effort Boost app performance by using the Android NDK and Renderscript Design apps for performance responsiveness and seamlessness Send data between devices and other external hardware Persist application data and share it between applications Capture and play back various device media items Communicate with web services Get the most out of your user interface Develop a unit conversion app in the context of the command line Android SDK and Eclipse Android SDK environments Who this book is for This book is a handy reference for all Android app developers Table of Contents Getting Started with Android User Interaction Graphics and Drawing Communications and Networking Interacting with Device Hardware and Media Persisting Data Interacting with the System Working with Android NDK and Renderscript **Android 6 for Programmers** Paul Deitel, Harvey Deitel, Alexander Wald, 2015-11-20 The professional programmer's Deitel guide to smartphone and tablet app development using Android M and the new Android Studio IDE Billions of apps have been downloaded from Google Play™ This book gives you everything you'll need to start developing great Android M apps quickly and getting them published

on Google Play™ The book uses an app driven approach each new technology is discussed in the context of seven fully tested Android apps complete with code highlighting code walkthroughs and sample outputs Apps you'll develop include Welcome App Cannon Game Tip Calculator Doodlz Twitter Searches Flag Quiz Address Book This book presents leading edge computing technologies for professional software developers At the heart of the book is the Deitel app driven approach concepts are presented in the context of complete working Android apps rather than using code snippets The introduction and app test drives at the beginning of each chapter show one or more sample executions The apps in this book were carefully designed to introduce you to key Android features and APIs You'll quickly learn everything you need to start building Android apps beginning with a testdrive of the Doodlz app in Chapter 1 then building your first app in Chapter 2 By the time you reach Chapter 9 you'll be ready to create your own apps for submission to Google Play and other app marketplaces You'll master the Google Play submission process including uploading your apps deciding whether to sell your apps or offer them for free and marketing them using in app advertising social media Internet public relations and more The Deitel Developer Series is designed for professional programmers The series presents focused treatments on a growing list of emerging and mature technologies including Android™ app development iOS app development Java™ C and NET C C JavaScript Internet and web development and more Each book in the series contains the same live code teaching methodology used in the Deitels How to Program Series college textbooks most concepts are presented in the context of completely coded working apps Deitel Associates is an internationally recognized authoring and corporate training organization specializing in Android™ and iOS app development programming languages object technology and Internet and web software technology The company offers instructor led courses delivered at client sites worldwide on programming languages and platforms such as Android™ app development iOS app development Java™ Objective C C Visual Basic Visual C C C XML Python Perl object technology Internet and web programming and a growing list of additional programming and software development courses The founders of Deitel Associates Inc are Paul Deitel and Dr Harvey Deitel The company's training clients include many of the world's largest corporations government agencies branches of the military and academic institutions To learn more about Deitel Associates Inc its professional books college textbooks e books and LiveLessons video training and its worldwide Dive Into Series instructor led on site training curriculum visit [www.deitel.com/training](http://www.deitel.com/training) or send an email to [deitel@deitel.com](mailto:deitel@deitel.com) Join the Deitel social media communities on Facebook [www.deitel.com/DeitelFan](http://www.deitel.com/DeitelFan) Twitter [deitel](https://twitter.com/deitel) Google™ [www.google.com/DeitelFan](https://www.google.com/DeitelFan) LinkedIn [bit.ly/DeitelLinkedIn](https://bit.ly/DeitelLinkedIn) and YouTube™ [youtube.com/user/DeitelTV](https://www.youtube.com/user/DeitelTV) and subscribe to the Deitel Buzz Online newsletter [www.deitel.com/newsletter/subscribe.html](http://www.deitel.com/newsletter/subscribe.html)

**Android Programming with Kotlin for Beginners** John Horton, 2019-04-27 Build smart looking Kotlin apps with UI and functionality for the Android platform Key Features Start your Android programming career or just have fun publishing apps on Google Play marketplace The first principle introduction to Kotlin through Android to start building easy to use apps

Learn by example and build four real world apps and dozens of mini apps Book Description Android is the most popular mobile operating system in the world and Kotlin has been declared by Google as a first class programming language to build Android apps With the imminent arrival of the most anticipated Android update Android 10 Q this book gets you started building apps compatible with the latest version of Android It adopts a project style approach where we focus on teaching the fundamentals of Android app development and the essentials of Kotlin by building three real world apps and more than a dozen mini apps The book begins by giving you a strong grasp of how Kotlin and Android work together before gradually moving onto exploring the various Android APIs for building stunning apps for Android with ease You will learn to make your apps more presentable using different layouts You will dive deep into Kotlin programming concepts such as variables functions data structures Object Oriented code and how to connect your Kotlin code to the UI You will learn to add multilingual text so that your app is accessible to millions of more potential users You will learn how animation graphics and sound effects work and are implemented in your Android app By the end of the book you will have sound knowledge about significant Kotlin programming concepts and start building your own fully featured Android apps What you will learn Learn how Kotlin and Android work together Build a graphical drawing app using Object Oriented Programming OOP principles Build beautiful practical layouts using ScrollView RecyclerView NavigationView ViewPager and CardView Write Kotlin code to manage an apps data using different strategies including JSON and the built in Android SQLite database Add user interaction data captures sound and animation to your apps Implement dialog boxes to capture input from the user Build a simple database app that sorts and stores the user s data Who this book is for This book is for people who are new to Kotlin Android and want to develop Android apps It also acts as a refresher for those who have some experience in programming with Android and Kotlin

*Android UI Development with Jetpack Compose* Thomas Künneth, 2022-02-21 Get started with creating intuitive native user interfaces on Android platforms Key Features Understand the difference between the imperative Android View and declarative Jetpack Compose approach Learn about the structure of a Compose app built in Compose UI elements and core concepts such as state hoisting and composition over inheritance Write test and debug composable functions Book Description Jetpack Compose is Android s new framework for building fast beautiful and reliable native user interfaces It simplifies and significantly accelerates UI development on Android using the declarative approach This book will help developers to get hands on with Jetpack Compose and adopt a modern way of building Android applications The book is not an introduction to Android development but it will build on your knowledge of how Android apps are developed Complete with hands on examples this easy to follow guide will get you up to speed with the fundamentals of Jetpack Compose such as state hoisting unidirectional data flow and composition over inheritance and help you build your own Android apps using Compose You ll also cover concepts such as testing animation and interoperability with the existing Android UI toolkit By the end of the book you ll be able to write your own Android apps using Jetpack Compose What you will

learn Gain a solid understanding of the core concepts of Jetpack Compose Develop beautiful neat and immersive UI elements that are user friendly reliable and performant Build a complete app using Jetpack Compose Add Jetpack Compose to your existing Android applications Test and debug apps that use Jetpack Compose Find out how Jetpack Compose can be used on other platforms Who this book is for This book is for any mobile app developer looking to understand the fundamentals of the new Jetpack Compose framework and the benefits of native development A solid understanding of Android app development along with some knowledge of the Kotlin programming language will be beneficial Basic programming knowledge is necessary to grasp the concepts covered in this book effectively [Android Game Programming by Example](#) John Horton, 2015-06-30 Android gaming is a hot topic these days but one of the few areas of technology that does not have an abundance of clear and useful documentation online However there is an ever increasing demand for Android games This book will help you get up to speed with the essentials of game development with Android The book begins by teaching you the setup of a game development environment on a fundamental level Moving on the book deals with concepts such as building a home screen UI implementing game objects and painting the scene at a fixed resolution Gradually it builds up to the implementation of a flexible and advanced game engine that uses OpenGL ES 2 for fast smooth frame rates This is achieved by starting with a simple game and gradually increasing the complexity of the three complete games built step by step By the end of the book you will have successfully built three exciting games over the course of three engrossing and insightful projects **Android Programming for Beginners** John Horton, 2015-12-31 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 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 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.

**Professional Android 4 Application Development** Reto Meier, 2012-05. Programmer to programmer. P. 2 of cover. **Beginning Android** Mark Murphy, 2009-08-09. Learn how to develop applications for Android mobile devices using simple examples ready to run with your copy of the software development kit. Author and Android columnist, writer, developer, and community advocate Mark L. Murphy shows you what you need to know to get started on programming Android applications, everything from crafting graphical user interfaces to using GPS, accessing web services, and more. 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. Some Android books race through the material, trying to cover as much ground as possible in as few pages as possible. Experienced writer and community advocate Mark Murphy shows you how to develop Android applications simply and with care. The book includes dozens of sample projects ready to run with your copy of the SDK, not just one huge project where you have difficulty finding the specific examples of the technique you are looking for. You can even get these sample programs online at Apress.com. **How to Build Android Apps with Kotlin** Alex Forrester, Eran Boudjnah, Alexandru Dumbravan, Jomar Tigcal, 2021-02-26. Master the fundamentals of Android programming and apply your skills to create scalable and reliable apps using industry best practices. Key Features: Build apps with Kotlin, Google's preferred programming language for Android development. Unlock solutions to development challenges with guidance from experienced Android professionals. Improve your apps by adding valuable features that make use of advanced functionality. **Book Description** Are you keen to get started building Android 11 apps but don't know where to start? *How to Build Android Apps with Kotlin* is a comprehensive guide that will help kick-start your Android development practice. This book starts with the fundamentals of app development, enabling you to utilize Android

Studio and Kotlin to get started building Android projects You'll learn how to create apps and run them on virtual devices through guided exercises Progressing through the chapters you'll delve into Android's RecyclerView to make the most of lists images and maps and see how to fetch data from a web service Moving ahead you'll get to grips with testing learn how to keep your architecture clean understand how to persist data and gain basic knowledge of the dependency injection pattern Finally you'll see how to publish your apps on the Google Play store You'll work on realistic projects that are split up into bite-size exercises and activities allowing you to challenge yourself in an enjoyable and attainable way You'll build apps to create quizzes read news articles check weather reports store recipes retrieve movie information and remind you where you parked your car By the end of this book you'll have the skills and confidence to build your own creative Android applications using Kotlin

**What you will learn**

- Create maintainable and scalable apps using Kotlin
- Understand the Android development lifecycle
- Simplify app development with Google architecture components
- Use standard libraries for dependency injection and data parsing
- Apply the repository pattern to retrieve data from outside sources
- Publish your app on the Google Play store

**Who this book is for**

If you want to build your own Android applications using Kotlin but are unsure of how to begin then this book is for you To easily grasp the concepts in this book it is recommended that you already have a basic understanding of Kotlin or experience in a similar programming language and a willingness to brush up on Kotlin before you start

**Learning Mobile App Development**

Jakob Iversen, Michael Eierman, 2013-12-17

The Only Tutorial Covering BOTH iOS and Android for students and professionals alike Now one book can help you master mobile app development with both market leading platforms Apple's iOS and Google's Android Perfect for both students and professionals Learning Mobile App Development is the only tutorial with complete parallel coverage of both iOS and Android With this guide you can master either platform or both and gain a deeper understanding of the issues associated with developing mobile apps You'll develop an actual working app on both iOS and Android mastering the entire mobile app development lifecycle from planning through licensing and distribution Each tutorial in this book has been carefully designed to support readers with widely varying backgrounds and has been extensively tested in live developer training courses If you're new to iOS you'll also find an easy practical introduction to Objective C Apple's native language All source code for this book organized by chapter is available at <https://github.com/LearningMobile>

**Books Coverage includes**

- Understanding the unique design challenges associated with mobile apps
- Setting up your Android and iOS development environments
- Mastering Eclipse development tools for Android and Xcode 5 tools for iOS
- Designing interfaces and navigation schemes that leverage each platform's power
- Reliably integrating persistent data into your apps
- Using lists Android or tables iOS to effectively present data to users
- Capturing device location displaying it and using it in your apps
- Accessing hardware devices and sensors
- Publishing custom apps internally within an organization
- Monetizing your apps on Apple's AppStore or the Google Play marketplace as well as other ways of profiting from app development such as consulting and developer jobs

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## **Android Programmieren Buch Introduction**

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