Ios

Molly K. Maskrey

iOS 15 Programming for Beginners Ahmad Sahar,Craig Clayton,2021-12-24 Key Features Explore the latest features of Xcode 13 and the Swift 5.5 programming language in this updated sixth edition Start your iOS programming career and have fun building your own iOS apps Discover the new features of iOS 15 such as Mac Catalyst, SwiftUI, Swift Concurrency, and SharePlay Book DescriptionWith almost 2 million apps on the App Store, iOS mobile apps continue to be incredibly popular. Anyone can reach millions of customers around the world by publishing their apps on the App Store. iOS 15 Programming for Beginners is a comprehensive introduction for those who are new to iOS. It covers the entire process of learning the Swift language, writing your own app, and publishing it on the App Store. Complete with hands-on tutorials, projects, and self-assessment questions, this easy-to-follow guide will help you get well-versed with the Swift language to build your apps and introduce exciting new technologies that you can incorporate into your apps. You'll learn how to publish iOS apps and work with Mac Catalyst, SharePlay, SwiftUI, Swift concurrency, and much more. By the end of this iOS development book, you'll have the knowledge and skills to write and publish interesting apps, and more importantly, to use the online resources available to enhance your app development journey.What you will learn Get to grips with the fundamentals of Xcode 13 and Swift 5.5, the building blocks of iOS development Understand how to prototype an app using storyboards Discover the Model-View-Controller design pattern and how to implement the desired functionality within an app Implement the latest iOS features such as Swift Concurrency and SharePlay Convert an existing iPad app into a Mac app with Mac Catalyst Design, deploy, and test your iOS applications with design patterns and best practices Who this book is for This book is for anyone who has programming experience but is new to Swift and iOS app development. Basics knowledge of programming, including loops, boolean, and so on, is necessary.

iPhone iOS 4 Development Essentials Neil Smyth,2011-02-15

iOS 6 Programming Pushing the Limits Rob Napier,Mugunth Kumar,2012-11-20 Learn to build extraordinary apps for iPhone, iPad, and iPod touch iOS is the hottest development platform around, and iOS 6 adds a new and deeper dimension to explore. This guide offers serious information for serious programmers who know the basics and are ready to dive into the advanced features of iOS. You'll learn to create killer apps for the iPad, iPhone, and iPod touch, including how to maximize performance and make more money from your apps with in-app purchases. Topics covered include

security, multitasking, running on multiple platforms, blocks and functional programming, advanced text layout, and much more. App development for iPhones and iPads is a lucrative and exciting venture; books on this topic are steady bestsellers This advanced guide helps experienced developers take full advantage of the latest platform upgrade, iOS 6 Provides in-depth background on maximizing your apps with Apple's iPhone SDK 6.0, including the major new APIs and building applications for the new iPad Covers keeping control of multitasking, increasing income with in-app purchases, key value observing with Cocoa, running on multiple platforms, advanced text layout, building a Core foundation, and more iOS 6 Programming: Pushing the Limits gives experienced mobile developers a wealth of knowledge for creating outstanding iPhone and iPad apps on the latest platform.

iPhone For Dummies Edward C. Baig,Bob LeVitus,2020-11-24 The latest edition – updated to cover iOS 14 and iPhone 12 Nothing seems to change faster than an iPhone. Just when you think you know your way around the device, a new update arrives and you have to learn everything all over again. This fully revised edition of iPhone For Dummies arrives just in time to keep you up to date on iOS 14, the version of the iOS operating system released in late 2020, as well as all the updated features of iPhone 12. But don't worry if you're sticking with your current iPhone or buying an older model. This book offers help on using any iPhone that runs iOS 14, all the way back to iPhone 6. Written by two longtime Apple fans and experts, this revised guide covers the essentials you'll need to know about the industry-leading device and its slick iOS operating system, kicking off with set-up—navigating settings, hooking up to wifi, sharing audio and video—and then gearing you up to warp speed with the many incredible ways this smartphone's tools and apps can bring a joyful extra dimension to your life. Explore the basics of iOS 14 Enhance your interests with apps Get artsy with photos, video, and more Troubleshoot common problems Learn what makes the iPhone 12 different than the 11, X, SE, or older models Whether you're just getting started with a new phone or want to get even more from your current version, iPhone For Dummies puts the power right at your fingertips!

iOS 7 Programming Pushing the Limits Rob Napier,Mugunth Kumar,2014-01-08 Get ready to create killer apps for iPad and iPhone on the new iOS 7! With Apple's introduction of iOS 7, demand for developers who know the new iOS will be high. You need in-depth information about the new characteristics and capabilities of iOS 7, and that's what you'll find in this book. If you have experience with C or C++, this guide will show you how to create amazing apps for iPhone, iPad, and iPod touch. You'll also learn to maximize your programs for mobile devices using iPhone SDK 7.0. Advanced topics such as security services, running on multiple iPlatforms, and local networking with Core Bluetooth are also covered. Prepares experienced

developers to create great apps for the newest version of Apple's iOS Thoroughly covers the serious capabilities of iOS 7; information you need in order to make your apps stand out Delves into advanced topics including how to control multitasking, security services, running apps on multiple iPlatforms and iDevices, enabling in-app purchases, advanced text layout, and building a core foundation Also covers REST, advanced GCD, internationalization and localization, and local networking with Core Bluetooth iOS 7 Programming: Pushing the Limits will help you develop applications that take full advantage of everything iOS 7 has to offer.

iOS Development with Swift Craig Grummitt,2017-11-13 Summary iOS Development with Swift is a hands-on guide to creating apps for iPhone and iPad using the Swift language. Inside, you'll be guided through every step of the process for building an app, from first idea to App Store. This book fully covers Swift 4, Xcode 9, and iOS 1. Our video course, iOS Development with Swift in Motion, is the perfect companion to this book, featuring even more projects and examples for you to dig into in the exciting world of iOS development. Find out more at our website: www.manning.com/livevideo/ios-development-with-swift-lv Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology One billion iPhone users are waiting for the next amazing app. It's time for you to build it! Apple's Swift language makes iOS development easier than ever, offering modern language features, seamless integration with all iOS libraries, and the top-notch Xcode development environment. And with this book, you'll get started fast. About the Book iOS Development with Swift is a hands-on guide to creating iOS apps. It takes you through the experience of building an app—from idea to App Store. After setting up your dev environment, you'll learn the basics by experimenting in Swift playgrounds. Then you'll build a simple app layout, adding features like animations and UI widgets. Along the way, you'll retrieve, format, and display data; interact with the camera and other device features; and touch on cloud and networking basics. What's Inside Create adaptive layouts Store and manage data Learn to write and debug Swift code Publish to the App Store Covers Swift 4, Xcode 9, and iOS 11 About the Reader Written for intermediate web or mobile developers. No prior experience with Swift assumed. About the Author Craig Grummitt is a successful developer, instructor, and mentor. His iOS apps have had over 100,000 downloads combined! Table of Contents PART 1 - INTRODUCING XCODE AND SWIFT Your first iOS application Introduction to Swift playgrounds Swift objects PART 2 - BUILDING YOUR INTERFACE View controllers, views, and outlets User interaction Adaptive layout More adaptive layout Keyboard notifications, animation, and scrolling PART 3 - BUILDING YOUR APP

Tables and navigation Collections, searching, sorting, and tab bars Local data persistence Data persistence in iCloud Graphics and media Networking Debugging and testing PART 4 - FINALIZING YOUR APP Distributing your app What's next?

More iPhone Development with Swift Alex Horovitz,Kevin Kim,David Mark,Jeff LaMarche,Jayant Varma,2015-03-31 Interested in iPhone and iPad apps development? Want to learn more? Whether you are a relative newcomer to iPhone and iPad or iOS development or an old hand looking to expand your horizons, we have the perfect Swift-flavored book for you. The update to the bestselling More iPhone Development by Dave Mark and Jeff LaMarche, More iPhone Development with Swift digs deeper into the new Apple Swift programming language and iOS 8 SDK, explaining complex concepts and techniques in the same friendly, easy-to-follow style you've come to expect. More iPhone Development with Swift covers topics like Swift, Core Data, peer-to-peer networking using Multipeer Connectivity, working with data from the web, MapKit, in-application e-mail, Camera Live-Previews integration, Barcode scanning, Face recognition and more. All the concepts and APIs are clearly presented with code snippets you can customize and use, as you like, in your own apps. You'll journey through coverage of concurrent programming and some advanced techniques for debugging your applications.

iOS Hacker's Handbook Charlie Miller,Dion Blazakis,Dino DaiZovi,Stefan Esser,Vincenzo Iozzo,Ralf-Philip Weinmann,2012-04-30 Discover all the security risks and exploits that can threaten iOS-based mobile devices iOS is Apple's mobile operating system for the iPhone and iPad. With the introduction of iOS5, many security issues have come to light. This book explains and discusses them all. The award-winning author team, experts in Mac and iOS security, examines the vulnerabilities and the internals of iOS to show how attacks can be mitigated. The book explains how the operating system works, its overall security architecture, and the security risks associated with it, as well as exploits, rootkits, and other payloads developed for it. Covers iOS security architecture, vulnerability hunting, exploit writing, and how iOS jailbreaks work Explores iOS enterprise and encryption, code signing and memory protection, sandboxing, iPhone fuzzing, exploitation, ROP payloads, and baseband attacks Also examines kernel debugging and exploitation Companion website includes source code and tools to facilitate your efforts iOS Hacker's Handbook arms you with the tools needed to identify, understand, and foil iOS attacks.

iOS Programming Joe Conway,Aaron Hillegass,2012-03-16 Winner of a 2012 Jolt Productivity Award! Updated and expanded to cover iOS 5 and

Xcode 4.3, iOS Programming: The Big Nerd Ranch Guide leads you through the essential concepts, tools, and techniques for developing iOS applications. After completing this book, you will have the understanding, the know-how, and the confidence you need to tackle iOS projects of your own. Based on Big Nerd Ranch's popular iOS Bootcamp course and its well-tested materials and methodology, this best-selling guide teaches iOS concepts and coding in tandem. The result is instruction that is relevant and useful. Throughout the book, the authors clearly explain what's important to know and share their insights into the larger context of the iOS platform. This gives you a real understanding of how iOS development works, the many features that are available, and when and where to apply what you've learned. Here are some of the topics covered: Xcode 4.3, Instruments, and Storyboards ARC, strong and weak references, and retain cycles Interfacing with iCloud Handling touch events and gestures Tool bars, navigation controllers, and split view controllers Localization and Internationalization Block syntax and use Background execution and multi-tasking Saving/loading data: Archiving and Core Data Core Location and Map Kit Communicating with web services Working with XML, JSON, and NSRegularExpression Using the Model-View-Controller-Store design pattern

Creating iOS 5 Apps Richard Warren,2011-12-13 With more than 250 million iOS devices sold Apple's booming mobile platform provides a large and rapidly growing app market for developers, and with the release of the iOS 5 SDK, Apple has provided their richest, most exciting set of development tools yet. In this book, iOS programming expert Richard Warren shows you how to use these powerful tools to begin writing the next generation of iOS apps. Richard provides a complete introduction to iPhone and iPad development, emphasizing the newest technologies and best practices for iOS 5. After a tour of the inner workings of an iOS project and an invaluable examination of Objective-C, you will hone your app-developing skills by developing a complete, full-featured application. You start by building the app's user interface. This will cover everything from linking View Controllers in the Storyboard to drawing custom views. Next, you will use iCloud storage and Core data to manage your app's data model, synchronizing your data across multiple devices. Then you tackle more advanced topics, including Core Animation, Core Motion, Core Location and Core Image. Finally, Richard shows you how to test, polish and prepare your apps for submission to the iTunes App Store. This book includes: Detailed instruction, ample illustrations, and clear examples Real-world guidance and advice Insight into best practices from an iOS programming expert A solid introduction to the Objective-C language and important Cocoa design patterns Information on key iOS 5 technologies, including Automatic Reference Counting,

Storyboards, iCloud storage, Container View Controllers, Custom Control Appearances, Core Image, and integrated Twitter support.

Programming IOS 5 Matt Neuburg,2012-03-15 Get a solid grounding in the fundamentals of Cocoa Touch, and avoid problems during iPhone and iPad app development. With this revised and expanded edition, you'll dig into Cocoa and learn how to work effectively with Objective-C and Xcode. This book covers iOS 5 and Xcode 4.3 in a rigorous, orderly fashion—ideal whether you're approaching iOS for the first time or need a reference to bolster existing skills. Many discussions have been expanded or improved. All code examples have been revised, and many new code examples have been added. The new memory management system—ARC—is thoroughly explained and all code examples have been revised to use it. New Objective-C features, such as declaration of instance variables in the class's implementation section, are described and incorporated into the revised example code. Discussion of how an app launches, and all code examples, are revised for project templates from Xcode 4.2 and later. Other new Xcode features, including the Simulator's Debug menu, are covered, with screen shots based on Xcode 4.2 and later. The discussion of Instruments is expanded, with screen shots—by popular request! Storyboards are explained and discussed. The explanation of view controllers is completely rewritten to include iOS 5 features, such as custom parent view controllers and UIPageViewController. The Controls chapter now includes iOS 5 interface customizability and the appearance proxy. New features of interface classes are discussed, including tiling and animated images, new table view features, new alert view styles. Coverage of frameworks such as Core Motion and AV Foundation is greatly expanded. New iOS 5 classes and frameworks are also discussed, including Core Image and UIDocument (and iCloud support). Important iOS 5 changes that can break existing code are explicitly called out in the text and listed in the index.

iOS 10 SDK Development Chris Adamson,Janie Clayton,2017-03-24 All in on Swift! iOS 10 and Xcode 8 make it clearer than ever that Swift is Apple's language of the future. Core frameworks have been redesigned to work better with Swift, and the language itself continues to evolve quickly. iOS 10 SDK Development is the pure-Swift approach to developing for the iOS platform. This completely revised and updated edition of the bestselling iOS guide shows you how to pull in the SDK's enormous feature set and deliver powerful, real-world apps for iPhone and iPad using modern Swift programming techniques. Swift is the language of the future for iOS development, and this completely revised and updated book is your guide. From the community-driven changes in Swift 3 to the overhaul of iOS' Foundation framework to make it more Swifty, iOS 10 and Xcode 8 mark an all in

commitment to Swift, and this new edition matches that commitment. Learn not just the syntax of the Swift language but also stylish Swift, the idiomatic uses of the language, and best practices you'll find in the wild. From there, move into developing a complete, real-world podcast client sample application-completely new for this edition-featuring Internet access, tables, navigation, and media playback, all with the most modern approaches provided by Apple's iOS 10 frameworks and tools. Go beyond code to master the practices that professional developers rely on: testing, debugging, publishing on the App Store, and managing your app over the long haul. As a bonus, you'll get a taste of cutting-edge iOS 10 features, such as the new Siri voice-command API. Swift's time is here. Whether you're new to Swift or just catching up on iOS' latest features, iOS 10 SDK Development will help you master the language and the platform.

Programming IOS 4 Matt Neuburg,2011-05-23 Provides information on using iOS 4 to create applications for the iPhone, iPad, and iPod Touch.

IOS Components and Frameworks Kyle Richter,Joe Keeley,2013 Take Your Next Leap Forward as an iOS App Developer! Covers iOS 7 and Xcode 5 iOS Components and Frameworks will help you leverage iOS's powerful components and frameworks to build apps with outstanding performance, reliability, interactivity, media support, and customization. Pioneering iOS developers Kyle Richter and Joe Keeley illuminate the sophisticated intermediate-to-advancedlevel techniques you're now ready for. You'll find example-rich coverage of topics ranging from social support to security, Core Data, TextKit, iCloud support, UIKit Dynamics, MapKit, and Passbook. There's also a complete section on advanced performance and security, including the effective use of Grand Central Dispatch and Keychain. Each chapter contains a complete sample project that walks you through integrating its technology into a typical iOS app. You'll discover how multiple iOS features can be combined into exceptionally powerful apps and walk through a complete case study project: a fully functional game with complete Game Center integration. Coverage includes: New physics-based animation effects provided by UIKit Dynamics Making the most of Core Location, MapKit, and Geofencing Leveraging Game Center features such as Leader Boards and Achievements Giving users access to their address and media libraries from within your app Using lightweight JSON to move data among servers, apps, and websites Syncing apps via iCloud using UIDocument and key-value store syncing Securing user data with Keychain Informing users of important app-related events via Notifications Storing and retrieving persistent data locally with Core Data Using advanced Objective-C features to write more manageable, concise apps Improving responsiveness through concurrency with Grand Central Dispatch Advanced text handling and display with TextKit

Smoothly handling complex and continuous gestures Effective debugging techniques with Xcode 5 and Instruments Building passes for Passbook and PassKit If you're a serious iOS developer who wants to build cutting-edge apps, iOS Components and Frameworks delivers the practical skills, reusable code, and expert insights you're looking for.

Beginning iPhone Development with Swift 4 Molly K. Maskrey,2017-10-24 Learn how to integrate all the interface elements iOS users have come to know and love, such as buttons, switches, pickers, toolbars, and sliders. In this edition of the best selling book, you'll master a variety of design patterns, from the simplest single view to complex hierarchical drill-downs. Assuming little or no working knowledge of the Swift programming language, and written in a friendly, easy-to-follow style, this book offers a comprehensive course in iPhone and iPad programming. The book starts with the basics, walking through the process of downloading and installing Xcode and the iOS 11 SDK, and then guides you though the creation of your first simple application. The art of table building will be demystified, and you'll learn how to save your data using the iOS file system. You'll see how to to create, load and work with playgrounds as you develop an understanding of the Swift language. You'll also learn how to save and retrieve your data using a variety of persistence techniques, including Core Data and SQLite. And there's much more! Beginning iPhone Development with Swift 4 covers the basic information you need to get up and running quickly with your iOS apps. Once you're ready, move on to Professional iPhone Development with Swift 4 to learn more of the really unique aspects of the SDK and Swift language. What You Will Learn Discover what data persistence is, and why it's important Build cool, crisp user interfaces Display data in Table Views Work with all the most commonly used iOS Frameworks Who This Book is For Aspiring iOS app developers new to the Apple Swift programming language and/or the iOS SDK.

iPad and iPhone Tips and Tricks (Covers iOS 6 on iPad, iPad mini, and iPhone) Jason R. Rich,2012-12-27 Easily Unlock the Power of Your iPad, iPad mini, or iPhone Discover hundreds of tips and tricks you can use right away with your iPad, iPad mini, or iPhone to maximize its functionality. Learn to use your iOS 6 mobile device as a powerful communication, organization, and productivity tool, as well as a feature-packed entertainment device. In addition to learning all about the apps that come preinstalled on your iPad or iPhone, you will learn about some of the best third-party apps currently available, plus discover useful strategies for how to best utilize them in your personal and professional life. Using an easy-to-understand, nontechnical approach, this book is ideal for beginners and more experienced iPad, iPad mini, or iPhone users who want to discover how to use the iOS 6 operating

system with iCloud, and the latest versions of popular apps. If you're an iPad 2, iPad 3rd or 4th generation, iPad mini, iPhone 4S, or iPhone 5 user, this book is an indispensible tool. Here's just a sampling of what the tips, tricks, and strategies offered in this book will help you accomplish: Discover how to take full advantage of powerful iOS 6 features, like Notification Center. Learn secrets for using preinstalled apps, such as Contacts, Calendars, Reminders, Maps, Notes, Safari, Mail, and Music. Find, download, and install the most powerful and versatile apps and content for your iPad, iPad mini, or iPhone. Synchronize files, documents, data, photos, and content with iCloud, your computer, or other iOS mobile devices. Learn how to interact with your tablet or phone using your voice in conjunction with Siri and the Dictation feature. Create and maintain a reliable backup of your iOS 6 device. Discover how to take visually impressive photos using the cameras built into your iPad, iPad mini, or iPhone, and then share them using iCloud Shared Photo Streams, Facebook, Twitter, email, or other methods. Use your iOS mobile device as an eBook reader, portable gaming machine, and feature-packed music and video player.

Developing Enterprise iOS Applications James Turner,2011-12-12 If you plan to develop iOS applications in a corporate setting—for internal consumption or for sale to end users—you need to read this book. Veteran developer James Turner shares best practices and lessons learned from his recent on-the-ground experience planning, building, and shipping an iOS application in an enterprise environment. With lots of examples and solid advice, you'll learn how to use Xcode, Objective-C, and other Apple development tools within the confines of enterprise software methodologies. Don't be deterred by Apple's development philosophy. If you're familiar with Xcode, this guide will help you build and launch enterprise iOS apps successfully. Get Xcode's single-developer model to work in a concurrent development environment Integrate Xcode builds into tools such as Ant and Hudson Use open source libraries to connect iOS with SOAP and other backend services Set up a framework to test iOS apps for code coverage and CCN metrics Manage the legal, marketing, and production issues involved when interacting with iTunes Connect Meet iTunes' requirements for provisioning and distributing your app Provide long-term support by sidestepping Apple's distribution limitations

iPhone Programming Aaron Hillegass,Joe Conway,2010-04-13 Based on Big Nerd Ranch's popular iPhone Bootcamp class, iPhone Programming: The Big Nerd Ranch Guide leads you through the essential tools and techniques for developing applications for the iPhone, iPad, and iPod Touch. In each chapter, you will learn programming concepts and apply them immediately as you build an application or enhance one from a previous chapter.

These applications have been carefully designed and tested to teach the associated concepts and to provide practice working with the standard development tools Xcode, Interface Builder, and Instruments. The guide's learn-while-doing approach delivers the practical knowledge and experience you need to design and build real-world applications. Here are some of the topics covered: Dynamic interfaces with animation Using the camera and photo library User location and mapping services Accessing accelerometer data Handling multi-touch gestures Navigation and tabbed applications Tables and creating custom rows Multiple ways of storing and loading data: archiving, Core Data, SQLite Communicating with web services ALocalization/Internationalization After many 'false starts' with other iPhone development books, these clear and concise tutorials made the concepts gel for me. This book is a definite must have for any budding iPhone developer. –Peter Watling, New Zealand, Developer of BubbleWrap

   iOS in Practice Bear P. Cahill,2012-10-18 Summary iOS in Practice is a hands-on guide with 98 specific techniques to help solve the specific problems you'll encounter over and over as you work on your iPhone and iPad apps. You'll dig into the practical nuts and bolts of applying views, view controllers, table views and cells, audio, images, graphics, file structure—and more. Examples written for iOS 6. About this Book When you are building an iOS app, you want more than basic concepts—you want real answers to practical problems. You want iOS in Practice. This book distills the hard-won experience of iOS developer Bear Cahill into 98 specific iOS techniques on key topics including managing data, using media, location awareness, and many more. And the sample apps are wonderful! As you pull them apart, you'll see two things: experienced app development and creative design savvy in action. 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 WhereIsMyCar drives you through maps, CoreLocation, and camera access. PlayMyLists tunes in on settings, audio, and shake detection. Rock, Paper, Scissors explores networking, voice, in-app purchase, push notification, and invitations. Examples written for iOS 6 using Xcode 4.5. Written for readers who know the basics of Objective-C and are interested in practical app development. Table of Contents PART 1 GETTING STARTED Getting started with iOS development Creating an iOS application PART 2 PUTTING iOS INTO PRACTICE Using view controllers and images in PicDecor Accessing the address book/contacts in Dial4 MapKit and the camera in WhereIsMyCar Settings, audio, and shake detection in TimeDown CoreData, iPod access, and playing music—PlayMyLists Push notification and in-app purchase—Rock, Paper, Scissors GameCenter leaderboards and achievements—Rock, Paper, Scissors iTunes API, iPad, and iAd—MusicSearch Collection view, social, reminders, and state

restoration—MeetSocial

Beginning iPhone Development with Swift 3 Molly Maskrey,Kim Topley,David Mark,Fredrik Olsson,JEFF LAMARCHE,2016-11-17 Create your very own apps for the latest iOS devices. You'll start with the basics, and then work your way through the process of downloading and installing Xcode and the iOS 10 SDK, and then guides you though the creation of your first simple application. Assuming little or no working knowledge of the Swift programming language, and written in a friendly, easy-to-follow style, Beginning iPhone Development with Swift 3 offers a comprehensive course in iPhone and iPad programming. In this third edition of the best-selling book, you'll learn how to integrate all the interface elements iOS users have come to know and love, such as buttons, switches, pickers, toolbars, and sliders. Every single sample app in the book has been rebuilt from scratch using the latest Xcode and the latest iOS 10-specific project templates, and designed to take advantage of the latest Xcode features. Discover brand-new technologies, as well as significant updates to existing tools. You'll master a variety of design patterns, from the simplest single view to complex hierarchical drill-downs. The art of table building will be demystified, and you'll learn how to save your data using the iOS file system. You'll also learn how to save and retrieve your data using a variety of persistence techniques, including Core Data and SQLite. And there's much more! What You Will Learn Develop your own bestselling iPhone and iPad apps Utilize Swift playgrounds Display data in Table Views Draw to the screen using Core Graphics Use iOS sensor capabilities to map your world Get your app to work with iCloud and more Who This Book is For Anyone who wants to start developing for iPhone and iPad.

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