

Building Iphone Apps With Html Css And Javascript Making App Store Apps Without Objective C Or Cocoa

“For those not ready to tackle the complexities of Objective-C, this is a great way to get started building iPhone apps. If you know the basics of HTML, JavaScript, and CSS, you’ll be building apps in no time.” –August Trometer, Owner of FoggyNoggin Software, www.foggynoggin.com

Discover the Easier, Faster Way to Build High-Quality iPhone Applications Now, you don’t need to dive headfirst into Objective-C to write state-of-the-art applications for the iPhone. You can use web development tools and technologies you already know: JavaScript, HTML, and CSS. In this book, long-time web and mobile application developer Lee S. Barney shows you how to use the QuickConnect and PhoneGap frameworks to create secure, high-quality, modular hybrid iPhone applications. Lee S. Barney walks you through the entire hybrid iPhone development process, from creating great user interfaces to compiling, deploying, and executing applications. Along the way, he introduces techniques and sample code designed to streamline development, eliminate complexity, optimize performance, and leverage all iPhone’s native capabilities—from its accelerometer and GPS to its built-in database. Coverage includes Using Dashcode and Xcode together to create unique, exciting hybrid iPhone applications Using the QuickConnect JavaScript API to perform tasks ranging from vibrating the phone to accessing the accelerometer and GPS location data Accessing native iPhone functionality using the PhoneGap JavaScript API Storing, retrieving, and managing data on the iPhone, even without network access Using XMLHttpRequest to access or synchronize remote data and use web services Creating Google-based maps for your own app that work like those you see in the iPhone’s Maps application This book systematically lowers the barriers to iPhone development, enabling web developers to build any iPhone application they can imagine without long development cycles or steep learning curves!

Summary Do you have a fantastic idea for an iPhone app but no idea how to bring it to life? Great news! With the right tools and a little practice, anyone can create an app. This book will get you started, even if you've never written a line of computer code. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About the Book Anyone Can Create an App begins with the basics by introducing programming concepts, the Swift language, and the tools you'll need to write iOS apps. As you explore the interesting examples, illuminating illustrations, and crystal-clear step-by-step instructions, you'll learn to: Get started programming, no experience necessary! Add controls like text boxes and buttons Keep track of your favorite things by creating the Like It or Not (LioN) app By the end, you'll be able to create and run your own apps, and you'll have the confidence to learn more on your own. The book is updated for Swift 3.

About the Reader This book is written especially for non programmers - no experience needed!

About the Author Wendy Wise has an extensive background in mobile and application development and has worked with several Fortune 500 companies. In her 17-year technical career, Wendy has served as a senior director of software development, a senior product manager for international mobile applications, and a hands-on developer for web and mobile technologies, among many other technical roles. Wendy fully embraces her nerd/geek side, as you'll find out as you read this book. In her spare time, she enjoys beer, coffee, photography, camping, and being outdoors.

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PART 2 - THE KEYS TO THE CITY:

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UNDERSTANDING KEY DEVELOPMENT CONCEPTS Go with the flow, man! Controlling the flow of your app While you're doing that... Collections Telling stories with storyboards ViewControllers in depth Put it on my tab: creating tab bars Table views: more than a coffee table picture book Patterns: learning to sew PART 3 - CREATING THE LIKE IT OR NOT APP Putting it all together: the Lion app Adding data to your Lion app Displaying details of your Lion Creating the details of the detail view The AddEditView scene Delegates are everywhere Editing Lions Saving Lions Making your Lion prettier Working with Auto Layout Search your Lions

Apple's iPhone and iPod Touch not only feature the world's most powerful mobile operating system, they also usher in a new standard of human-computer interaction through gestural interfaces and multi-touch navigation. This book provides you with a hands-on, example-driven tour of UIKit, Apple's user interface toolkit, and includes common design patterns to help you create new iPhone and iPod Touch user experiences. Using Apple's Cocoa Touch framework, you'll learn how to build applications that respond in unique ways when users tap, slide, swipe, tilt, shake, or pinch the screen. Programming the iPhone User Experience is a perfect companion to Apple's Human Interface Guidelines, and provides the practical information you need to develop innovative applications for the iPhone and iPod Touch, whether you're a CTO, developer, or UI/UX designer. Understand the basics of the Cocoa Touch framework for building iPhone and iPod Touch applications Learn theory and best practices for using Cocoa Touch to develop applications with engaging and effective user interfaces Apply your knowledge of Objective-C to the iPhone/iPod Touch framework Customize standard UIKit views according to Apple's Human Interface Guidelines and usability principles Learn patterns for handling user experience concerns outside of the interface, such as network- and location-awareness

Learn powerful JavaScript tools for exploiting HTML5 elements, and discover new methods for working with data, such as offline storage and multithreaded processing. Complete with code samples, this book is ideal for experienced JavaScript and mobile developers alike.

This first book in the series from Kevin McNeish is specifically designed to teach non-programmers how to create Apps for the iPhone and iPad.

Apple Watch is the sort of science-fiction gadget that people used to dream about as kids. What kinds of apps do you envision for this new device? If you're comfortable using OS X, Xcode, and iOS—and familiar with Swift—this concise book shows you the basics of building your own apps for this wrist-mounted computer with Apple's WatchKit framework. You'll learn what an Apple Watch is, what it isn't, and how and why people might interact with apps you build for it. This practical guide also examines the type of apps most suitable for this device, and shows you how to be a good citizen in the iOS/Watch ecosystem. Learn the Watch app lifecycle, and understand how these apps interact with the user's iPhone Build a Watch app and its iOS counterpart by adding controls, working with multiple screens, and sharing data Design a simple glance, the non-interactive Watch component that provides quick-look information Add functionality to the notification system, including actionable items, and display them on the Watch face Design and build complications, Watch-face gadgets that can display quick snapshots of information, including future events with Time Travel

Provides information on designing and implementing mobile applications for the iPhone and the iPod touch.

Apple's iPad defines a new category for devices. This quick-start guide will have users writing iPad apps right away using a combination of the familiar iPhone APIs along with the new APIs and additional templates designed specifically for creating iPad applications.

Provides step-by-step instructions on creating a variety of applications for the iPhone and iPod Touch using HTML, CSS, and JavaScript instead of Objective-C or Cocoa.

Ready to build mobile apps that out-perform the rest? If you're an iOS developer

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with app-building experience, this practical guide provides tips and best practices to help you solve many common performance issues. You'll learn how to design and optimize iOS apps that deliver a smooth experience even when the network is poor and memory is low. Today's picky users want fast and responsive apps that don't hog resources. In this book, author Gaurav Vaish demonstrates methods for writing optimal code from an engineering perspective, using reusable Objective-C code that you can use right away. Up your game and create high-performance native iOS apps that truly stand out from the crowd. Measure key performance indicators—attributes that constitute and affect app performance Write efficient apps by minimizing memory and power consumption, and explore options for using available CPU cores Optimize your app's lifecycle and UI, as well as its networking, data sharing, and security features Learn about application testing, debugging and analysis tools, and monitoring your app in the wild Collect data from real users to analyze app usage, identify bottlenecks, and provide fixes Use iOS 9 upgrades to improve your app's performance

"A comprehensive guide to building, packaging, and distribution"--Cover.

This practical book offers the knowledge and code you need to create cutting-edge mobile applications and games for the iPhone and iPod Touch, using Apple's iPhone SDK. iPhone SDK Application Development introduces you to this development paradigm and the Objective-C language it uses with numerous examples, and also walks you through the many SDK frameworks necessary for designing full-featured applications. This book will help you: Design user interface elements with Interface Builder and the UI Kit framework Create application controls, such as windows and navigation bars Build and manage layers and transformations using Core Graphics and Quartz Core Mix and play sound files using AVFoundation, and record and play back digital sound streams using Audio Toolbox Handle network programming with the CFNetwork framework Use the Core Location framework to interact with the iPhone's GPS Add movie players to your application iPhone SDK Application Development will benefit experienced developers and those just starting out on the iPhone. Important development concepts are explained thoroughly, and enough advanced examples are provided to make this book a great reference once you become an expert.

Apple's Swift is a powerful, beginner-friendly programming language that anyone can use to make cool apps for the iPhone or iPad. In Coding iPhone Apps for Kids, you'll learn how to use Swift to write programs, even if you've never programmed before. You'll work in the Xcode playground, an interactive environment where you can play with your code and see the results of your work immediately! You'll learn the fundamentals of programming too, like how to store data in arrays, use conditional statements to make decisions, and create functions to organize your code—all with the help of clear and patient explanations. Once you master the basics, you'll build a birthday tracker app so that you won't forget anyone's birthday and a platform game called Schoolhouse Skateboarder with animation, jumps, and more! As you begin your

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programming adventure, you'll learn how to: –Build programs to save you time, like one that invites all of your friends to a party with just the click of a button! –Program a number-guessing game with loops to make the computer keep guessing until it gets the right answer –Make a real, playable game with graphics and sound effects using SpriteKit –Challenge players by speeding up your game and adding a high-score system Why should serious adults have all the fun?

Coding iPhone Apps for Kids is your ticket to the exciting world of computer programming. Covers Swift 3.x and Xcode 8.x. Requires OS X 10.11 or higher. The best way to learn anything is by doing. The author uses a friendly tone and fun examples to ensure that you learn the basics of application development. Once you have read this book, you should have the necessary skills to build your own applications. If you have no experience but want to learn how to create applications in HTML5, this book is the only help you'll need. Using practical examples, HTML5 Web Application Development by Example will develop your knowledge and confidence in application development.

WordPress is much more than a blogging platform. As this practical guide clearly demonstrates, you can use WordPress to build web apps of any type—not mere content sites, but full-blown apps for specific tasks. If you have PHP experience with a smattering of HTML, CSS, and JavaScript, you'll learn how to use WordPress plugins and themes to develop fast, scalable, and secure web apps, native mobile apps, web services, and even a network of multiple WordPress sites. The authors use examples from their recently released SchoolPress app to explain concepts and techniques throughout the book. All code examples are available on GitHub. Compare WordPress with traditional app development frameworks Use themes for views, and plugins for backend functionality Get suggestions for choosing WordPress plugins—or build your own Manage user accounts and roles, and access user data Build asynchronous behaviors in your app with jQuery Develop native apps for iOS and Android, using wrappers Incorporate PHP libraries, external APIs, and web service plugins Collect payments through ecommerce and membership plugins Use techniques to speed up and scale your WordPress app

"It's a fact - if you know HTML, CSS and JavaScript, you already have the tools you need to develop your own iPhone apps! You can design and build apps for the iPhone and iPod Touch with existing open source web technologies without using Objective-C or Cocoa. Mobile apps that work on multiple platforms are the wave of the future. Learn about these new technologies from a recognized expert by watching this recorded webcast provided by Safari Books Online! You will learn to convert your product into a native iPhone app using the free PhoneGap framework. Releasing your product as a web app first will help 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. Author Jonathan Stark shows you how to: - 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

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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 The future of mobile development is clearly web technologies like CSS, HTML and JavaScript. Leverage your existing web development skills to build native iPhone applications using these technologies."--Resource description page.

Presents instructions for creating Android applications with HTML, CSS, and JavaScript, with information on such topics as styling, animation, client-side data storage, using PhoneGap, testing, and debugging.

Learn how to build app store-ready hybrid apps with Ionic, the framework built on top of Apache Cordova (formerly PhoneGap) and Angular. This revised guide shows you how to use Ionic's tools and services to develop apps with HTML, CSS, and TypeScript, rather than rely on platform-specific solutions found in Android, iOS, and Windows Universal. Author Chris Griffith takes you step-by-step through Ionic's powerful collection of UI components, and then helps you use it to build three cross-platform mobile apps. Whether you're new to this framework or have been working with Ionic 1, this book is ideal for beginning, intermediate, and advanced web developers. Understand what a hybrid mobile app is, and what comprises a basic Ionic application Learn how Ionic leverages Apache Cordova, Angular, and TypeScript to create native mobile applications Create a Firebase-enabled to-do application that stores data across multiple clients Build a tab-based National Park explorer app with Google Map integration Develop a weather app with the Darksky weather API and Google's GeoCode API Debug and test your app to resolve issues that arise during development Walk through steps for deploying your app to native app stores Learn how Ionic can be used to create Progressive Web Apps

Explains how to design, create, and market a successful application across any mobile platform, including iPhone, iPad, Android, and BlackBerry.

Developing applications for Android and other mobile devices using web technologies is now well within reach. When the capabilities of HTML5 are combined with CSS3 and JavaScript, web application developers have an opportunity to develop compelling mobile applications using familiar tools. Not only is it possible to build mobile web apps that feel as good as native apps, but to also write an application once and have it run a variety of different devices. While the HTML5 specification is still evolving, there is a lot that can be used right now to build mobile web apps. Mobile web apps are now starting to provide many of the features that were once only available to native-language-based apps in Java, Objective-C, etc. Pro Android Web Apps teaches developers already familiar with web application development, how to code and structure a web app for use on the Android mobile platform. Understand both the why and how of mobile web app development, focusing on the Android platform. Learn how to structure mobile web apps through a number of practical, real-world application examples. Discover what cloud platforms such as Google AppEngine have to offer Android web apps, for both hosting web apps and providing device to cloud data synchronization solutions. Get a

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real picture of the status of HTML5 on Android and other mobile devices, including some things to watch out for when building your own applications. Understand the capabilities of the web application stack, and how to complement those with native bridging frameworks such as PhoneGap to access native features of the device. Gain an understanding of the different UI frameworks that are available for building mobile web apps. Learn how to include mapping and leverage location-based services in mobile web apps to create engaging mobile experiences. Enable social integration with your Android web app and gain access to millions of potential users. After reading this book, you will not only have a greater understanding of the world of web apps on Android, but also how to leverage additional tools and frameworks to increase the reach of your mobile web apps. Additionally, through the practical samples in the book you will have been given solid exposure of where both the opportunities and challenges lie when building mobile apps the web way.

Create cross-platform mobile apps without having to learn a new language! PhoneGap is an open source solution, ideal for web developers wanting to build cross-platform mobile apps without having to learn a new language. Using HTML, CSS, and Javascript, PhoneGap allows you to jump into the mobile world and develop apps for iPhone, Android, and the BlackBerry. Walks you through installing the development software Covers the basics of each of PhoneGap's functional units Introduces various projects you can build with the framework Discusses using HTML, CSS, JavaScript Explores the features accelerometer and compass Examines media, storage and files, camera, contacts, geolocation, and more Within Beginning PhoneGap, each new chapter builds on the lessons taught in the previous so that by the end of the book, you can have mobile apps up and running! "NOTE: Several significant changes to the PhoneGap software occurred shortly after this book was published. The author has written extra pages to address these and other changes. You can download the updates to this book from the book's support page on the Wrox website."

Today's Web 2.0 applications (think Facebook and Twitter) go far beyond the confines of the desktop and are widely used on mobile devices. The mobile Web has become incredibly popular given the success of the iPhone and BlackBerry, the importance of Windows Mobile, and the emergence of Palm Pre (and its webOS platform). At Apress, we are fortunate to have Gail Frederick of the well-known training site Learn the Mobile Web offer her expert advice in Beginning Smartphone Web Development. In this book, Gail teaches the web standards and fundamentals specific to smartphones and other feature-driven mobile phones and devices. Shows you how to build interactive mobile web sites using web technologies optimized for browsers in smartphones Details markup fundamentals, design principles, content adaptation, usability, and interoperability Explores cross-platform standards and best practices for the mobile Web authored by the W3C, dotMobi, and similar organizations Dives deeps into the feature sets of the most popular mobile browsers, including WebKit, Chrome, Palm Pre webOS, Pocket IE, Opera Mobile, and Skyfire By the end of this book, you'll have the training, tools, and techniques for creating robust mobile web experiences on any of these platforms for your favorite smartphone or other mobile device.

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

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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 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).

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 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). Learn more at <http://labs.oreilly.com/ofps.html>.

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Anyone with programming experience can learn how to write an iPhone app. But if you want to build a great app, there's a lot more to it than simple coding: you also need to know how design and market your creation. This easy-to-follow guide walks you through the entire process, from sketching out your idea to promoting the finished product. Get to know the tools for developing your iPhone app Design a great app before you start coding Build a complex app with Xcode and Interface Builder Decide how to brand your app-then beta-test that brand in the real world Learn the inside scoop on how to get your app into the App Store Promote your product, track sales, and build a strong customer following

Build Your Own Website is a fun, illustrated introduction to the basics of creating a website. Join Kim and her little dog Tofu as she learns HTML, the language of web pages, and CSS, the language used to style web pages, from the Web Guru and Glinda, the Good Witch of CSS. Once she figures out the basics, Kim travels to WordPress City to build her first website, with Wendy, the WordPress Maven, at her side. They take control of WordPress® themes, install useful plugins, and more. As you follow along, you'll learn how to: –Use HTML tags –Make your site shine with CSS –Customize WordPress to fit your needs –Choose a company to host your site and get advice on picking a good domain name The patient, step-by-step advice you'll find in Build Your Own Website will help you get your website up and running in no time. Stop dreaming of your perfect website and start making it!

Learn to build and optimize attractive, functional web sites for smartphones Today, mobile devices outnumber desktop and laptop computers three to one. Skill in developing web sites that work on mobile devices is in demand, and this friendly, step-by-step guide shows how to build and optimize sites using HTML5 and other standard web development tools. Building web sites that work for all types of smartphones and tablets, including iPhones, iPads, Android devices, and BlackBerry devices is a skill much in demand as mobile devices outpace both desktop and laptop computers, and this book gets you started. Guides you through creating and optimizing mobile sites with HTML, CSS, and JavaScript Covers HTML5, WebKit extensions, platform variations, accommodating different browsers, security issues, and making mobile sites richer with Flash, graphics, and video Includes code for differences in mobile app design and navigation, including touch devices HTML, CSS, and JavaScript Mobile Web Development For Dummies makes it easy to start developing great sites for mobile devices.

Grasp the fundamentals of web application development by building a simple database-backed app from scratch, using HTML, JavaScript, and other open source tools. Through hands-on tutorials, this practical guide shows inexperienced web app developers how to create a user interface, write a server, build client-server communication, and use a cloud-based service to deploy the application. Each chapter includes practice problems, full examples, and mental models of the development workflow. Ideal for a college-level course, this book helps you get started with web app development by providing you with a solid grounding in the process. Set up a basic workflow with a text editor, version control system, and web browser Structure a user interface with HTML, and include styles with CSS Use JQuery and JavaScript to add interactivity to your application Link the client to the server with AJAX, JavaScript objects, and JSON Learn the basics of server-side programming with Node.js Store data outside your application with Redis and MongoDB Share your application by uploading it to the cloud with CloudFoundry Get basic tips for writing maintainable code on both client and server

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Building iPhone Apps with HTML, CSS, and JavaScript Making App Store Apps Without Objective-C or Cocoa"O'Reilly Media, Inc."

Flash is fading fast as Canvas continues to climb. The second edition of this popular book gets you started with HTML5 Canvas by showing you how to build interactive multimedia applications. You'll learn how to draw, render text, manipulate images, and create animation—all in the course of building an interactive web game throughout the book. Updated for the latest implementations of Canvas and related HTML5 technologies, this edition includes clear and reusable code examples to help you quickly pick up the basics—whether you currently use Flash, Silverlight, or just HTML and JavaScript. Discover why HTML5 is the future of innovative web development. Create and modify 2D drawings, text, and bitmap images Use algorithms for math-based movement and physics interactions Incorporate and manipulate video, and add audio Build a basic framework for creating a variety of games Use bitmaps and tile sheets to develop animated game graphics Go mobile: build web apps and then modify them for iOS devices Explore ways to use Canvas for 3D and multiplayer game applications So you've got an idea for an iPhone app -- along with everyone else on the planet. Set your app apart with elegant design, efficient usability, and a healthy dose of personality. This accessible, well-written guide shows you how to design exceptional user experiences for the iPhone and iPod Touch through practical principles and a rich collection of visual examples. Whether you're a designer, programmer, manager, or marketer, Tapworthy teaches you to "think iPhone" and helps you ask the right questions -- and get the right answers -- throughout the design process. You'll explore how considerations of design, psychology, culture, ergonomics, and usability combine to create a tapworthy app. Along the way, you'll get behind-the-scenes insights from the designers of apps like Facebook, USA Today, Twitterrific, and many others. Develop your ideas from initial concept to finished design Build an effortless user experience that rewards every tap Explore the secrets of designing for touch Discover how and why people really use iPhone apps Learn to use iPhone controls the Apple way Create your own personality-packed visuals

"A practical guide for front-end Web designers and developers ... Learn how to design interfaces for modern devices, use HTML5 and CSS3 to build fast, responsive layouts that look great on every device, use JavaScript to create a native feel with transitions, touch and swipe events, and animations, leverage APIs to take advantage of built-in functionality, use PhoneGap to turn your Web app into a native app for iOS, Android, BlackBerry, and other platforms"--P. [4] of cover.

Learn the critical tips and techniques to make using Xcode for the iPhone, iPad, or Mac easier, and even fun. Explore the features and functionality of Xcode you may not have heard of. Go under the hood to discover how projects really work, so when they stop working, you'll know how to fix them. Explore the common problems developers face when using Xcode, and find out how to get the most out of your IDE. Dig into Xcode, and you'll discover it's richer and more powerful than you might have thought. Get a huge productivity boost by working with Xcode instead of against it. Instead of hacky code fixes and manual processes, once you know the the why and how of Xcode's process, you'll discover that doing things Xcode's way makes your app development more elegant and less aggravating. Explore the major features of Xcode: project management, building UIs with storyboards, code editing, compiling apps, fixing bugs and performance problems, unit- and UI testing, and source code management. Go beyond the basics and explore tasks that professionals deal with when they're working on big projects. Create storyboards that many developers can work on at once, even as projects grow to hundreds or thousands of files. Find the tools that make the code editor pleasant to work with, even in long coding sessions. Discover the right way to find and fix bugs when you have lots of code that's not always playing nicely together. Dig into specific and little-discussed features that help developers on Apple's other platforms: macOS, watchOS, and tvOS. When you're ready

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to distribute your app, learn how Apple's code-signing system really works. Find out when to let Xcode handle it automatically, and how to do it manually when needed. Discover how much easier and more fun iOS development is when you know the secrets of the tools. What You Need: This book requires Xcode 9 and a Mac running macOS High Sierra (10.13.2) or later. Additionally, an iOS device is recommended for on-device testing but not required.

iOS 8 App Development Essentials is latest edition of this popular book series and has now been fully updated for the Swift 1.2 programming language, the iOS 8 SDK and Xcode 6.3. Beginning with the basics, this book provides an outline of the steps necessary to set up an iOS development environment. An introduction to the architecture of iOS 8 and programming in Swift is provided, followed by an in-depth look at the design of iOS applications and user interfaces. More advanced topics such as file handling, database management, in-app purchases, graphics drawing and animation are also covered, as are touch screen handling, gesture recognition, multitasking, iAds integration, location management, local notifications, camera access and video and audio playback support. Other features are also covered including Auto Layout, Twitter and Facebook integration, App Store hosted in-app purchase content, collection views, Sprite Kit-based game development, local map search and user interface animation using UIKit dynamics. The key new features of the iOS 8 SDK and Xcode 6 are also covered, including Swift playgrounds, universal user interface design using size classes, app extensions, Interface Builder Live Views, embedded frameworks, CloudKit data storage and TouchID authentication. The aim of this book is to teach the range of skills necessary to build apps for iOS 8. iOS 8 App Development Essentials takes a modular approach to the subject of iOS 8 application development for both the iPhone and iPad, with each chapter covering a self contained topic area consisting of detailed explanations, examples and step-by-step tutorials. This makes the book both an easy to follow learning aid and an excellent reference resource.

This book covers the various aspects of developing web-based applications for iOS. Over the past four years, the iPhone and iPad have been amazingly successful. Because of this success, application developers are entering a world of sophisticated, multifunctional mobile applications. Now mobile web-based applications can bring together web apps, native apps, multimedia video and audio, and the mobile device itself. By using this book you will learn how to create a mobile application from beginning to end, utilizing open source frameworks to speed up development times, emulate the look and feel of built-in Apple applications, capture finger touch interactions, and optimize applications for Wi-Fi and wireless networks. The book introduces you to the web application platform for iOS. It also guides you through the process of building new applications from scratch as well as migrating existing web applications to this new mobile platform. By doing this, the book helps readers design a user interface that is optimized for iOS touch-screen displays and integrate their applications with iPhone services, including Phone, Mail, Google Maps, and GPS. This book is aimed at beginning and intermediate web developers who want to learn how to build new applications for iOS or migrate existing web apps to this platform. In general, you will find it helpful if you have a working knowledge of these technologies: HTML/XHTML CSS JavaScript Ajax

How can you make your iPad or iPhone app stand out in the highly competitive App Store? While many books simply explore the technical aspects of iPad and iPhone app design and development, App Savvy also focuses on the business, product, and marketing elements critical to pursuing, completing, and selling your app -- the ingredients for turning a great idea into a genuinely successful product. Whether you're a designer, developer, entrepreneur, or just someone with a unique idea, App Savvy explains every step in the process, with guidelines for planning a solid concept, engaging customers early and often, developing your app, and launching it with a bang. Author Ken Yarmosh details a proven process for developing successful apps, and presents numerous interviews with the App Store's most

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prominent publishers. Learn about the App Store and how Apple's mobile devices function Follow guidelines for vetting and researching app ideas Validate your ideas with customers -- and create an app they'll be passionate about Assemble your development team, understand costs, and establish a workable process Build your marketing plan while you develop your application Test your working app extensively before submitting it to the App Store Assess your app's performance and keep potential buyers engaged and enthusiastic

Coding is cool, and these fun projects help you get started today! Building a Mobile App offers basic lessons in Android development, designed specifically for kids! Three fun projects walk you through basic coding skills using MIT's App Inventor—a free, online programming tool that uses a simple block style language that makes coding easy to learn. No long chapters to read, and no homework—just dive right in! You'll begin with a basic project that shows you how to make an app that works; next, you'll put those skills to work on a photo editing app that takes your skills to the next level. Finally, you'll level up one more time to become a Game Maker—that's right, you'll actually build a mobile game that you can send to your friends! Each project includes step-by-step directions and plenty of graphics to help you stay on track, and easy-to-read instructions help you complete each project frustration-free. App building can get pretty complicated, but it doesn't have to start out that way. Start small to pick up the basics quickly, and you'll be coding in no time! This book helps you get started quickly and easily, with a focus on fun. Build your own Android mobile apps using a free online platform! Code everything yourself, including buttons, screens, and interactions! Build an app that lets you draw on pictures you take! Create a simple, interactive game you can share with your friends! Adults all over the world turn to For Dummies books for clear instruction with a sense of humor; the Dummies Junior books bring that same "learning is fun" attitude to kids, with projects designed specifically for a kid's interests, needs, and skill level. Building a Mobile App gets kids coding quickly, with fun projects they'll be happy to show off! If you know HTML, CSS, and JavaScript, you already have the tools you need to develop Android applications. Now updated for HTML5, the second edition of this hands-on guide shows you how to use open source web standards to design and build apps that can be adapted for any Android device. You'll learn how to create an Android-friendly web app on the platform of your choice, and then use Adobe's free PhoneGap framework to convert it to a native Android app. Discover why device-agnostic mobile apps are the wave of the future, and start building apps that offer greater flexibility and a much broader reach. Convert a website into a web application, complete with progress indicators and other features Add animation with JQTouch to make your web app look and feel like a native Android app Make use of client-side data storage with apps that run when the Android device is offline Use PhoneGap to hook into advanced Android features, including the accelerometer, geolocation, and alerts Test and debug your app on the Web with real users, and submit the finished product to the Android Market

An introduction to computer programming explains how to build websites, applications, and games using HTML, CSS, and JavaScript.

Learn How to Use Swift on the Server! Server Side Swift with Vapor introduces you to the world of server development with the added bonus of using Swift. You'll learn how to build APIs, web sites, databases, application servers and use off site hosting solutions such as Heroku and AWS. You'll use many of Vapor's modules such as Fluent, Vapor's ORM, and Leaf, the templating engine for building web pages. Who

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This Book Is For This book is for iOS developers who already know the basics of iOS and Swift development and want to transfer that knowledge to writing server based applications. Topics Covered in Server Side Swift with Vapor: - HTTP: Learn the basics of how to make requests to and from servers. - Fluent: Learn how to use Fluent to save and manage your models in databases. - Controllers: Learn how to use controllers to route your requests and responses. - Leaf: Learn how Vapor's Leaf module and its templating language allow you to build dynamic web sites directly. - Middleware: Learn how built-in Vapor modules can assist with common tasks such as validating users, settings required response headers, serving static files and more. One thing you can count on: After reading this book, you'll be prepared to write your own server-side applications using Vapor and, of course, Swift

iOS 11, Swift 4, and Xcode 9 provide many new APIs for iOS developers. With this cookbook, you'll learn more than 170 proven solutions for tackling the latest features in iOS 11 and watchOS 4, including new ways to use Swift and Xcode to make your day-to-day app development life easier. This collection of code-rich recipes also gets you up to speed on continuous delivery and continuous integration systems. Ideal for intermediate and advanced iOS developers looking to work with the newest version of iOS, these recipes include reusable code on GitHub, so you can put them to work in your project right away. Among the topics covered in this book: New features in Swift 4 and Xcode 9 Tools for continuous delivery and continuous integration Snapshot testing and test automation Creating document-based applications Updated Map view and Core Location features iOS 11's Security and Password Autofill Data storage with Apple's Core Data Creating lively user interfaces with UI Dynamics Building iMessage applications and sticker packages Integrating Siri into your apps with Siri Kit Creating fascinating apps for Apple Watch

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