

iOS 12 App Development Essentials

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Essentials

iOS 12 App Development Essentials Download Online eBook Neil Smyth Free eBook PDF/ePub/Mobi/Mp3/Txt, iOS 12 App Development Essentials, the latest edition of this popular book series, has now been fully updated for the iOS 12 SDK, Xcode 10 and the Swift 4 programming language.

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 12 and programming in Swift 4 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, graphics drawing and animation are also covered, as are touch screen handling, gesture recognition, multitasking, location management, local notifications, camera access and video playback support. Other features are also covered including Auto Layout, local map search, user

interface animation using UIKit dynamics, Siri integration, iMessage app development, CloudKit sharing and biometric authentication.

Additional features of iOS development using Xcode are also covered, including Swift playgrounds, universal user interface design using size classes, app extensions, Interface Builder Live Views, embedded frameworks, collection and stack layouts and CloudKit data storage in addition to drag and drop integration and the document browser.

The key new features of iOS 12 and Xcode 10 are also covered in detail, including Siri shortcuts and the new iOS machine learning features.

The aim of this book, therefore, is to teach you the skills necessary to build your own apps for iOS 12. Assuming you are ready to download the iOS 12 SDK and Xcode 10, have an Intel-based Mac and ideas for some apps to develop, you are ready to get started.

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