Kodeco

Accelerator Bootcamps

Kodeco iOS Bootcamp Syllabus

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Your fast track to in-demand development jobs for 2024! Learn to build professional iOS apps from scratch in this intensive bootcamp, led by our team of industry experts. Build your development portfolio and get hired faster.

Concepts covered

- iOS + Swift development
- Professional app building
- Portfolio development
- Interview prep + soft skills

Syllabus Note: subject to change

Week 1: Git, Xcode, and Start Your First App

- Installation and configuration of GitHub and Xcode
- Beginning Git video course
- Your First iOS & SwiftUI App: An App From Scratch video course

Week 2: Intro to SwiftUI and Finish Your First App

- Variables, Datatypes and More
- Basic Operators
- Control Flow

Week 3: Swift Fundamentals

- Programming in Swift: Fundamentals video course

Week 4: Advanced Swift

- Programming in Swift: Functions and Types video course
- Optional: Swift Apprentice: Fundamentals/Beyond the Basics Chapters on Generics; Result Builders; Property Wrappers

Week 5: SwiftUI Fundamentals and Layout

- SwiftUI Fundamentals video course
- SwiftUI Layout & Interfaces video course

Week 6: SwiftUI Navigation, Data Display and Animation

- SwiftUI Fundamentals video course
- SwiftUI Layout & Interfaces video course

Week 7: Saving Data

- SwiftUI Fundamentals video course
- SwiftUI Layout and Interfaces video course

Week 8: Networking with URLSession

- Intro to Modern Networking & Concurrency
- Beginning Networking with URLSession video course

Week 9: Advanced Networking with URLSession

- Advanced Networking with URLSession video course
- SwiftUI Apprentice Chapter 24

Week 10: Modern Concurrency: Getting Started

- Modern Concurrency: Getting Started video course
- Work on Capstone Project

Week 11: Modern Concurrency: Beyond the Basics

- Modern Concurrency: Beyond the Basics video course
- Work on Capstone Project

Week 12: Testing and Debugging

- iOS Debugging Fundamentals video course
- Work on Capstone Project

Week 13: Make-up Week

- Resubmit failed/missed homeworks if needed
- Work on Capstone Project

Week 14: Capstone Project due, mock interviews

- Finish Capstone Project
- Optional content: Acing the iOS Interview video course
- Mock-interview session
- Recommended topics for post-graduation

Week 15

- Monday: Capstone project showcase
- Thursday: Graduation