Kodeco

Accelerator Bootcamps

visionOS Specialist
Syllabus

Kodeco's visionOS Specialist Bootcamp Syllabus

Boost your skills in spatial computing and dive into the world of mixed reality! Join our specialized live bootcamp to hone your ability to create immersive experiences on Apple's visionOS platform, all under the guidance of our seasoned industry professionals. Enhance your development portfolio and position yourself at the cutting edge of immersive technology.

Concepts covered

- Designing accessible visionOS apps
- RealityKit fundamentals
- Creating 3D experiences such as models, animations and physics
- Using Reality Composer Pro for AR creation

Syllabus
Note: subject to change

Week 1: Introduction to Accessibility

- Overview of accessibility
- SwiftUI accessibility API

Week 2: Accessibility in visionOS

- visionOS Accessibility
- Implement VoiceOver support
- visionOS Human Interface Guidelines

Week 3: Introduction to RealityKit

- Learn key components of RealityKit
- Explore core functionalities

Week 4: Creating 3D Models

- Creating 3D models and animations in RealityKit
- Creating Interactions in RealityKit and Reality Composer Pro

Week 5: SwiftUI Fundamentals and Layout

- Using Reality Composer Pro to Create AR Experiences
- Work on capstone project

Week 6

- Complete capstone project
- Capstone presentation and graduation