Student-Facilitated Course

ECS 198F - iOS Dev with SwiftUI
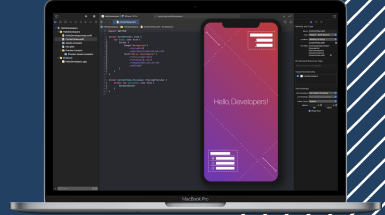
Winter 2022 - 2 Units, CRN: TBD
Lecture: TBD
Instructor: Yibo Yan
Grade: P/NP
Website: ios-dev-ucd.netlify.app

Prerequisites

ECS 150 and ECS 140A are recommended, but not required. The course is open for petitions or instructor consent.

Course Overview

An introduction to iOS development with SwiftUI. This course will mainly focus on SwiftUI, advanced Swift, and the latest APIs in the Swift standard library. This course will be project-based with 4 short projects and 1 demo-based final project.

Core Topics

SwiftUI

- Declarative UI
- Basic Built-in Controls
- Advanced Layout
- Navigation
- Advanced Animation
- View Modifier

Swift

- Functional Programming
- Protocol-Oriented Programming
- Async in Swift
- Advanced Error Handling
- API Call

Note: General Upper Div. Credits Only.

Made with Canva. Images from Apple.