

James Sedlacek

iOS Engineer

📍 Cocoa, FL

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Education

Eastern Florida State College

A.S. Degree (Jan 2017 - Aug 2019) GPA 3.8

Computer Programming & Analysis

Specialization in Mobile Application Development

Frameworks

| | |
|----------------------|--------------|
| Firebase Messaging | MessageUI |
| FirebaseAuth | GoogleSignIn |
| Firebase Firestore | FBLoginSDK |
| Core Animation | StoreKit |
| Core Location | HealthKit |
| Auto Layout | MapKit |
| NotificationCenter | SVGLKit |
| UserNotifications | UIKit |
| GoogleAdMob | Charts |
| Local Authentication | |

Technical Skills

| | |
|-------------------|----------------|
| XCode | MVC Pattern |
| Git/GitHub | Multithreading |
| RESTful APIs | UserDefaults |
| TestFlight | KeyChain |
| CocoaPods | Biometrics |
| App Store Connect | JSON |
| URLSession | Storyboards |
| Singleton Pattern | XIBs |
| Delegate Pattern | |

Experience



UpWork Freelancer (Dec. 2020 - Present)

Dragon Odyssey (Role Playing Fitness iOS Game app)

Technologies used:

Swift, UIKit, Xcode, Storyboards, XIBs, HealthKit, MapKit, CoreLocation, CocoaPods, TestFlight, Google AdMob, Local Auth., KeyChain, Biometrics

- Working with a Team of Developers (Backend, Frontend, Designer)
- Build new features within an existing codebase
- Refactor entire frontend codebase from XIBs to Storyboards
- Gather requirements from stakeholder/client
- Design and build prototypes/demo projects for client
- Use Git/GitHub for version control & team collaboration

Projects



Crypto Alarms (Nov. 2020 - Present)

Cryptocurrency App (Research & Custom Push Notifications)

Technologies used:

Swift, UIKit, Xcode, Storyboards, CocoaPods, SVGLKit, API (Nomics), Charts, UserNotifications, Firebase Messaging, Firebase Firestore, Core Animation

- Multithreading using Grand Central Dispatch
- Java Backend for API calls and Push Notifications
- Design Patterns (Delegate, Singleton, MVC, NotificationCenter)
- Data Persistence (UserDefaults & Firestore)
- Splash Screen Core Animation with multithreading
- Charts Framework for Cryptocurrency Price Charts



Sorting Algos (July 2020 - Nov. 2020)

Sorting Algorithm Visualizer App

Technologies used:

Swift, UIKit, Xcode, Storyboards, Google AdMob

- Successfully launched onto the App Store
- Built User Interface Elements Programmatically
- Design Patterns (Delegate, Singleton, MVC)
- Data Persistence (UserDefaults)
- Ability to toggle Dark Mode