

# Andrew Carvajal

iOS Developer • [andrewOS.com](http://andrewOS.com) • [andrew.carvajal@me.com](mailto:andrew.carvajal@me.com) • (954) 292-5454

## LANGUAGES

*Swift, Objective-C, C, C++, Python, HTML, CSS, Javascript, PineScript, Solidity*

## SKILLS

*UIKit, SwiftUI, Combine, REST, Concurrency, Unit Testing, Git, Swift Package Manager, CocoaPods, Agile, MVC, MVVM, Redux, third-party SDK and API integrations such as Google Maps, Firebase, Firestore, Google Analytics, Crashlytics, AFNetworking, geofencing with Mapbox, Facebook, Spotify, FourSquare, Mailcore, server-side Swift with Vapor*

## AWARDS

**Shorty Awards** - Finalist (June 2020)

*Fox Sports* - Built most of the Stories feature and the box score component.

<https://shortyawards.com/13th/the-new-fox-sports-app>

<https://techcrunch.com/2020/07/20/fox-sports-launches-redesigned-app-with-modern-design-bonus-camera-angles/>

**Bose AR Hackathon** - Grand Prize and Audience Winner (June 2019)

*Shleep* - Swift 5 app that pairs with Bose AR glasses to offer intelligent notifications to awake users before arriving at their subway stop using a combination of accelerometer, gyroscope and GPS data from the iPhone and glasses along with the use of a proprietary GeoJSON dataset for polygon geofencing.

**Fishackathon** - Grand Prize (February 2018)

*FishSnap* - Swift 4 app that detects the species of a fish from an image. This was accomplished using an AWS EC2 instance to train a neural net model with images of fish.

## iOS EXPERIENCE

### FOX

**iOS Developer**, New York, August 2019 - August 2021

Built new Fox Sports app in Swift 5. Collaborating with a large team of local and remote managers, designers, mobile and full stack developers in an Agile environment on two-week sprints. Using JIRA for ticket tracking, Zeplin for designs, Github for version control using standard gitflow using pull requests, Segment/Appsflyer for analytics, Charles for network traffic monitoring, along with an array of other systems for team collaboration.

### Tendigi

**iOS Developer**, Brooklyn, September 2018 - August 2019

Built apps for major brands such as Comedy Central and WWF in Swift 4/5 and Objective-C. Collaborated with a local team of mobile and full stack developers, along with remote designers. Used JIRA for ticket tracking, Github for standard gitflow using pull requests and Sketch for designs. Built an internal JIRA progress tracker with an optional tic-tac-toe mode to interface with a custom display we named DUMBOTRON.

#### VORO Real Estate

**iOS Developer**, New York, February 2017 - November 2017

Built a client relationship manager in Swift 3 with a realtime database using Firebase, client registration with signature and photo, automatic and custom email correspondence, an invoice submittal/approval system between the broker and his agents using a custom HTML to PDF converter, and created various broker tools to facilitate managing a brokerage. Obtained New York state real estate licensure to better learn the needs of my client.

#### Freelance

**iOS Developer**, New York, July 2016 - Present

Freelance mobile application contracting with solutions including a private healthcare service, a real estate brokerage CRM, a cryptocurrency derivatives trading system using PineScript and programmatic chart analysis, a venue management system with WalletPass live ticket updating and ID scanning, and a social networking app that leverages NFC using App Clip Codes to launch App Clips with custom pages on users' devices.

## PROJECTS

**BoredGames** - <https://apps.apple.com/us/app/bored-games/id1644618221>

iMessage app built in Swift 5

**FOX Sports** - <https://apps.apple.com/us/app/fox-sports-watch-live/id294056623>

New FOX Sports app built in Swift 5

**WWF Together**, featured on App Store - <https://apple.co/1fV0zb>

Rewrote Objective-C application in Swift 5

**LaughExchange** - <https://bit.ly/2zPoMMD>

Live streaming comedy trivia app in Swift 4

**Weathermoji** - [github.com/andrewcar/weathermoji](https://github.com/andrewcar/weathermoji)

Swift 4 live weather data converted from OpenWeatherMap data to emojis.

## EDUCATION

**SAE Institute** – Objective-C, September 2013 - May 2014

**Bloc, Inc** – Swift & Objective-C, September 2014 - May 2015

**Florida International University** – Computer Science, 2008