

Andrew Carvajal

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LANGUAGES

Swift, Objective-C, C, Python, JavaScript, C++, HTML, CSS, PineScript, Solidity

SKILLS

UIKit, SwiftUI, AppKit, Combine, REST, GraphQL, Concurrency, Unit/UI Testing, Bash, Git, Agile, Scrum, MVC, MVVM, VIPER, MVP, Redux, Swift Package Manager, CocoaPods, Google Maps, Firebase, Firestore, Cloud Functions, Google Analytics, Crashlytics, Alamofire, Mapbox, GeoJSON, Facebook API, Spotify API, FourSquare API, Mailcore, Vapor (server-side Swift), visionOS, OpenAI API

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 paired 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 detected 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

Omnikong

Founder & Lead iOS Developer, Miami, December 2022 - Present

Last year, I started my own development agency named Omnikong. One of our clients is Roomie, a mattress company, for whom we've developed a delivery management app, integrating Shopify and Firebase. Another client is bopdrop, a popular social music app on the App Store, for whom we are developing an entirely redesigned experience.

FOX

iOS Developer, New York, August 2019 - August 2021

At FOX, I worked on Fox Sports. We built the new app in Swift 5 with UIKit, collaborating with management, design, mobile, front end and back end developers in an Agile environment in two-week sprints. We used JIRA for ticket tracking, Zeplin for designs, Github for version control using standard gitflow with pull requests, Segment/Appsflyer for analytics, Charles for network traffic monitoring, and an array of other systems for team collaboration to deliver a best-in-class sports app.

Tendigi

iOS Developer, Brooklyn, September 2018 - August 2019

This was my first professional iOS gig and I got to build apps for major brands such as Comedy Central and WWF. Tendigi was a small dev shop in DUMBO where I closely collaborated with a team of mobile and full stack developers, along with remote designers, using JIRA for ticket tracking, Sketch for designs, and Github for standard gitflow using pull requests. In my free time, I built an internal JIRA progress tracker and a tic-tac-toe app that both interfaced with a giant display we had on the wall named the DUMBOTRON.

VORO Real Estate

iOS Developer, New York, February 2017 - November 2017

VORO Real Estate was one of my first clients. While building their solutions, I obtained New York State real estate licensure and became a real estate agent to better learn their needs. I built a CRM in Swift 3 using Firebase as the backend. Some features were client registration with signature and photo, an invoice submittal/approval system between the broker and his agents using a custom HTML-to-PDF converter, and automated emailing using mailcore. I also created various broker tools to automate some processes for the brokerage.

Freelance

iOS Developer, New York, July 2016 - December 2022

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 (Swift 5)

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

New FOX Sports app (Swift 5)

WWF Together, featured on App Store - <https://apple.co/1lfV0zb>

Rewrote Objective-C application (Swift 5)

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

Live streaming comedy trivia app (Swift 4)

Sirius - github.com/andrewcar/Sirius

Open-AI integration in iOS to interface with SiriKit (Swift 5)

EDUCATION

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

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

Florida International University – Computer Science, 2008