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, Metal, Unity, Spline

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, Austin, December 2022 - Present
In December 2022, I founded Omnikong, a software development agency focused on crafting innovative mobile and web solutions. I've led the development and ongoing maintenance of products for a diverse client base. Highlights include creating a delivery management system integrated with Shopify, Firebase, and Twilio for Ivy League dorms' bed upgrade services. Another key project involves enhancing a leading social music app on the App Store, where my team and I have been instrumental in implementing a range of features that enrich user experience and engagement.

FOX
iOS Developer, New York, August 2019 - August 2021
At FOX, I played a pivotal role in creating the Fox Sports app with Swift 5 and UIKit. My contributions were instrumental in building many features of the Stories section and the Box Score component, and I took the lead on designing the app's widget from the ground up. In an Agile setting, our team efficiently managed tasks with JIRA, facilitated design collaboration via Zeplin, and maintained version control with GitHub. My work significantly shaped the user experience, contributing to the launch of a premier sports application.

Tendigi

iOS Developer, Brooklyn, September 2018 - August 2019

At Tendigi, my inaugural professional iOS role, I developed apps for prominent clients like Comedy Central and WWF. As part of a tight-knit team in DUMBO, I engaged in close collaboration with mobile and full-stack developers, as well as remote designers, optimizing our workflow with JIRA, Sketch, and GitHub for gitflow. Leveraging my initiative, I also created a JIRA progress tracker and a tic-tac-toe game in my free time, both of which interfaced with our office's feature display, the DUMBOTRON.

VORO Real Estate

iOS Developer, New York, February 2017 - November 2017

At VORO Real Estate, an early client, I deepened my understanding of their operations by obtaining a New York State real estate license and working as an agent. I developed a CRM system using Swift 3 with Firebase, incorporating features like client registration (with signature and photo capture), an invoice management system using a custom HTML-to-PDF converter, and automated emails via Mailcore. Additionally, I designed tools to streamline various brokerage processes, enhancing overall efficiency.

Freelance

iOS Developer, New York, July 2016 - December 2022

As a freelance mobile app developer, I delivered diverse solutions spanning multiple sectors. My projects included developing a private healthcare service app, a CRM for a real estate brokerage, a cryptocurrency trading system with PineScript and chart analysis, a venue management system featuring WalletPass for live ticket updates and ID scanning, and a social networking app utilizing NFC and App Clip Codes for engaging user interactions. Each project demonstrated my ability to adapt and innovate across different technology stacks and user needs.

PROJECTS

FOX Sports - https://apps.apple.com/us/app/fox-sports-watch-live/id294056623
New FOX Sports app (Swift 5)

BoredGames - https://apps.apple.com/us/app/bored-games/id1644618221
iMessage 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