

Andrew Carvajal

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SKILLS

Swift, Objective-C, Agile, Git, Bash, CocoaPods, REST, Concurrency, Unit Testing, MVC, MVVM, TDD, UIKit, CoreGraphics, CoreLocation, CoreData, URLSession, MapKit, Google Maps, Mapbox, Firebase, Firestore, Google Analytics, Crashlytics, Mailcore, AFNetworking, FBSDK, Spotify API, FourSquare API, JSON, GeoJSON, Vapor, Ethereum Blockchain, Sketch

AWARDS

Bose AR Hackathon - Grand Prize and Audience Winner

iOS, 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 data from the accelerometers, gyroscopes and the GPS from both the iPhone and Bose AR glasses along with a proprietary GeoJSON dataset.

Fishackathon - Grand Prize

iOS, Neural Net Training, February 2018

FishSnap - Swift 4 app that detects with a fairly high percentage which species of fish a decent image is of as long as the fish is from the Northeastern coast of the United States and this was accomplished using an AWS EC2 instance to train a model with images of local fish.

iOS EXPERIENCE

FOX

iOS Engineer, Midtown, Manhattan, August 2019 - Present

Building new Fox Sports app set to release 2019 Q4 for Super Bowl LII 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 Engineer, DUMBO, 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 Engineer, FiDi, New York, February 2017 - November 2017

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

YUGE

iOS Engineer, Bed-Stuy, New York, July 2016 - January 2019

Freelance mobile application contracting with solutions in healthcare, real estate, mapping, project management, gaming and social networking.

PROJECTS

FOX Sports, Coming Soon!

Completely new FOX Sports app built in Swift 5

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

Rewrote Objective-C application in Swift 5

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

Swift 4 comedy trivia app streaming new content every week.

Hoods - github.com/andrewcar/hoods

Swift 5 geofenced neighborhood jukebox using Spotify, Mapbox, weathermoji, Uber, Google Maps, FourSquare, Mailcore and Google Firebase.

Weathermoji - github.com/andrewcar/weathermoji

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

EDUCATION

Florida International University – Bachelor of Computer Science, 2012

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

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