Michael A. Rojas

Computer Science & Engineering

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EDUCATION

Arizona State University   **Tempe, AZ, USA**

B.S. Computer Science & Engineering   **August 2015 - Present**

GPA: 3.4   **Graduation: May 2019**

EXPERIENCE

Starbucks   **Scottsdale AZ, USA**

Software Engineering Intern (Digital Products)   **August 2017 - Present**

• Used machine learning within an iOS environment to make better user suggestions and reccomendations based on a variety of parameters.

• Designed and tested UI elements to ensure a good user experience and while conforming to the app styling.

• Followed agile practices while working in a large team of developers.

Styr Labs   **Scottsdale AZ, USA**

Software Engineering Intern   **May 2017 - August 2017**

• Implemented a custom QR code validator that reduced client/trainer link time by 250%.

• Designed and developed a trainer module in the internal admin portal to keep track of 1000+ users.

• Implemented RESTFUL endpoints for user validation and verification within the production app.

• Developed, and tested several new features in the production application using TypeScript and tabrisJs.

Freelance Mobile Development   **Tempe, AZ, USA**

• Experience rapidly developing mobile application MVPs for clients to test out market feasibility.   **Jan 2017 - Present**

• Experience advising clients on technical solutions, limitations, and feasibility.

• Worked with clients to come up with cost-effective solutions.

Arizona State University College of Engineering   **Tempe, AZ, USA**

Teaching Assistant for Digital Design Fundamentals   **Aug 2016 - Jan 2017**

• Responsible for finding and helping correct a grading error due to the grading system that affected over 300 students.

• Assisted faculty with lesson plans, classroom logistics, and held office hours. Point of contact for 80+ students.

• Help students conceptualize circuit implementation, circuit design, logic with microprocessors, and assembly language.

PROJECTS

BitBite

Swift, Google API's, Apple Map Kit

• Implemented Google Maps and Uber APIs to allow real time tracking and user navigation.

• Implemented Apple Map Kit to search the nearby area for a restaurant query.

Kindness and Appreciation

Swift, Firebase

• Developed a mobile application for iOS using swift that allows users to spread kindness through posts to other nearby users.

• Pending release (In beta testing)

League Match

TypeScript, Tabris.js, Node

• A league management application that lets users invite friends to small scale leagues.

• The backend was made using Node.js and allowed users to send league notifications and join/create leagues.

AlbumMe

Python, Typescript (Javascript)

• Developed a python crawler to crawl trending music blogs for hit songs.

• Spotify's api was then used to search for the songs and create a spotify playlist

• See more at… www.michaelarojas.com/AlbumMe/

RELEVANT COURSES

LANGUAGES

Object Oriented programming (Java)	Swift	JavaScript - TypeScript
Introduction to Programming Languages(C/C++)	Python	C
iOS mobile application development(Swift)	C++	Java
Data Stuctures and Algorithms		

ACTIVITIES

SoDA – Lead Director of Marketing (2017-Present)

• Experience using effective marketing strategies to maintain and grow the club to 300+ student attendees at weekly meetings.

• Point of contact for over 1,500 members, responsible for the marketing committee which handles all promotion and marketing of SoDA.

WORK & PORTFOLIO

linkedin.com/in/mikerojaswa/   **michaelarojas.com**   **github.com/mikerojaswa**