BRANDON LUIS RODRIGUEZ RUIZ

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Personal Website

EXPERIENCE

MAR 2023 – PRESENT
SOFTWARE DEVELOPMENT ENGINEER I/II, AMAZON (SUNNYVALE/SAN FRANCISCO, CALIFORNIA)

- Contributed to a project to add a waiting room feature to the Chime meetings application by creating APIs and asynchronous job runners to existing Java Spring services, implementing a caching mechanism to improve performance, and creating a microservice to connect dial-in clients to waiting room services.
- Deployed synthetic canary testing infrastructure for Wickr calling
- Led project to expand AWS Wickr service infrastructure to 5 new regions.
- Created microservice to facilitate proxy server allocation for Wickr Open Access feature.

MAY 2022 – AUG 2022
SOFTWARE DEVELOPMENT ENGINEER INTERN, AMAZON (SUNNYVALE, CALIFORNIA)

- Tasked with implementing a backend microservice and demonstrating proficiency using AWS Lambda and API gateway as well as using DynamoDB and S3 cloud storage technologies.

JUN 2021 – AUG 2021
AMAZON PROPEL PROGRAM INTERN, AMAZON (PALO ALTO, CALIFORNIA)

- After completing a training program, I was tasked with completing a full-stack project where I could acquire and demonstrate skills developing REST APIs and working with DynamoDB and ReactJS.

MAY 2019 – MAY 2021
SOFTWARE DEVELOPMENT INTERN, GEORGIA INSTITUTE OF TECHNOLOGY/AIR NATIONAL GUARD (TUCSON, ARIZONA)

- 2019 AATC Test Center: Assistance with development of Electronic Warfare System hardware for test aircraft and analysis of Ch10 file data using Python and C.
- 2020 Corsair Ranch Software Factory: Full-stack application development primarily using HTML, CSS, and JavaScript for frontend development and Java Spring MVC for backend development.

AUGUST 2020 – DECEMBER 2020
CONTRACTED WEB DEVELOPER, ASU PREP DIGITAL

- Tasked with working on a team to build an online learning platform. I primarily worked on the user interface side using the Vue.js framework and I gained familiarity with AWS technology namely RDS, Lambda, and API Gateway.

EDUCATION

COMPUTER SCIENCE B.S., ARIZONA STATE UNIVERSITY (DECEMBER 2021)

- GPA: 3.94
- Fulton Schools of Engineering Dean's List (Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021)
- National Hispanic Scholar

COMPUTER SCIENCE MSC, ARIZONA STATE UNIVERSITY (DECEMBER 2022)

- GPA: 3.83

SKILLS

- Programming Languages: JavaScript/TypeScript, Java, C/C++, Python
- Libraries/Frameworks: React, Spring Boot, Flask, Django, AWS CDK, ExpressJS, Docker, Kubernetes
- Operating Systems: AL2 Linux, Ubuntu Linux, MacOS
- Bilingual (English and Spanish)