

## FULL-STACK DEVELOPER

### EDUCATION

#### Coding Dojo – Los Angeles, CA

2017

Completed an immersive full stack development program including over 1,000 hours of coding experience in Python, C#/ ASP .NET Core and related frameworks. Attained highest proficiency score on timed exams in C#/ ASP .NET Core and Python in Django.

#### University of California Los Angeles – Westwood, CA

2012 – 2016

B.S Molecular Biology

### TECHNICAL SKILLS

#### Front-End Development:

HTML5, CSS3, Bootstrap, jQuery, ReactJS, NodeJS

#### Languages:

Javascript, Python, C#, Some Java and C

#### Databases:

MySQL, PostGres, SQLite, MongoDB

#### Frameworks:

Django, Entity, Dapper, Flask

#### Methodologies:

RESTful architecture, MVC Architecture, ORM, OOP, TDD, BDD, CD/CI

#### Development Tools:

Github, AWS, JIRA, TTLMS, Perforce, Jenkins, VMWare, Teseartct, Sikuli, Postman, Gitlab,

### PROFESSIONAL EXPERIENCE

#### Jr Software Engineer – SonoSim – Santa Monica, CA

2018 - Present

Worked with a group of software engineers to help improve all of the web services provided to customers as well as internal tools. Utilized agile development using Jira to track progress for assigned tasks. Implement new features for some of our web applications. Refactor and debug legacy code to it is up to date with current standard. Ensure tests are written to supplement newly revised code.

#### QA Engineer – SonoSim – Santa Monica, CA

2016 - 2017

Worked under the QA manager to test web applications as well as desktop applications to ensure they met all requirements prior to release. Implemented automated testing for our desktop application using Sikuli.

### DEVELOPMENT EXPERIENCE & PROJECTS

#### Google App Script Project (SonoSim, Santa Monica, CA)

**Technologies:** Javascript, Postman, Google App Script, JIRA

- ▣ Utilized Google forms and their app script to create a custom form that our sales team used to create accounts for our software.
- ▣ Form was implemented using Javascript and utilized a RESTful architecture.

#### Automation Testing for Desktop Application (SonoSim, Santa Monica, CA)

**Technologies:** Python/Django, Sikuli, Tesseract, Gitlab, JIRA.

- ▣ Utilized TDD to implement automated testing for our desktop application, using python within Sikuli.
- ▣ Trained Tesseract to learn custom fonts in order to enhance image recognition within the software.

#### Data Migration Project (SonoSim, Santa Monica, CA)

**Technologies:** Python/Django, MySQL, Postman, AWS, Gitlab, JIRA, Jenkins

- ▣ Updated Django backend infrastructure to support additional information that was migrated from a third party (TTLMS).
- ▣ Utilized Postman test suite to ensure new architecture was compatible with all other services.
- ▣ Incorporated different APIs to gather all necessary information.
- ▣ Wrote custom scripts to manipulate data.
- ▣ Used migrations to complete data migration and database population.

#### Travel Buddy (Coding Dojo, Los Angeles, CA) – [https://github.com/ahrav/travel\\_buddy](https://github.com/ahrav/travel_buddy)

**Technologies:** Python/Django, MySQL, Postman, Jenkins, AWS, Gitlab

- ▣ Created real time application that allows users to set up travel plans. Allowing others to view and join different plans.
- ▣ Added login and registration to allow for authentication for every user.
- ▣ Built MTV architecture to support RESTful routing, CRUD operations, and page rendering.

#### Activity Planner (Coding Dojo, Los Angeles, CA) – [https://github.com/ahrav/activity\\_planner](https://github.com/ahrav/activity_planner)

**Technologies:** C#/ASP.NETCore, jQuery, PostGre SQL, Bootstrap, AWS, Github

- ▣ Created real time application that allows users to create activities and allows others share and participate in planned activities.