**Summary**

Computer Science student pursuing a Bachelor's Degree at UC Irvine and seeking a Software Engineering Internship. Experience with Machine Learning and Web Development. Recently completed a Web Developer Internship where I developed an API to automate support team tasks, and upgraded the customer portal.

**Skills**

Programming Languages: Python (Proficient), C++, JavaScript, C, HTML, CSS

Tools: MySQL, AWS, Tensorflow, React, Angular, Linux, Django, Flask

**Work Experience**

**Web Developer Intern**, Briviant Inc., Tustin, CA June 2020 - Sep 2020

* Updated user portal from Angular.js to Angular 9, including redesigning and refactoring features, and fixing bugs reported by users.
* Automated support team tasks for billing and server management with Python scripts, and implemented into an admin panel with Django for the support team.
* Developed a prototype of an internal RESTful API with Flask for managing servers rented by customers, including features such as rebooting servers or obtaining usage information.

**Education**

University of California, Irvine

B.S., Computer Science June 2022

* GPA: 4.00, Recipient of Dean’s List for six quarters.
* Coursework in Data Structures, Data Management, Analysis of Algorithms, Principles in System Design, and Machine Learning.
* Member of Circle K International, ICS Student Council Projects Committee.

**Activities**

**PeterPortal, ICSSC Projects Committee (In Progress)**

* Developed a website with a team of twelve that searches through the UCI course catalogue and includes professor reviews, grade distributions, and a schedule planner.
* Designed and hosted SQL server on AWS to store course/professor reviews, and created backend routes to query server with Express.
* Helped scrape the UCI catalogue with BeautifulSoup to create ElasticSearch indexes.

**Projects**

**Allergize, HackUCI, Winner of Best AI Hack**

* Collaborated with team of four to develop a mobile application that informs the user of what allergens the food may contain.
* Designed the API calls and routes for determining allergens, and implementing camera and backend routes into front-end.
* Used React Native for the front-end, and Express and Node.js for the back-end.

**Twitter Sentiment App**

* Android App giving average sentiment of latest 100 tweets on an inputted topic.
* Trained a Sentiment Analysis Model on Rotten Tomatoes’ Movie Review Data in Python.
* Developed Recurrent Neural Network with Tensorflow and Keras; preprocessed data with NLTK; deployed model using Flask-RESTful; created mobile app with React Native.