Alexander L. Wong

(626) 673-0498

wongalexander.com

wongalex349@gmail.com

github.com/wongalex349

linkedin.com/in/alw349

EDUCATION

California State Polytechnic University, Pomona   **August 2017-May 2020**

Bachelor of Science, Concentration in Computer Science

3.66 GPA – Cum Laude   Dean's List/President's List

> **Relevant Coursework:** Software Engineering, Computer Networks, Object Oriented Programming, Machine Learning, Big Data Analytics & Cloud Computing

WORK EXPERIENCE

Housing & Community Investment - *Los Angeles, CA*   **November 2019-January 2020**

Software Development Student Worker

- Designed a Windows Service on the company's intranet using their C#.NET framework to automize their collection processor, which would update their SQL database and send an acknowledgement letter to the collection agencies after receiving invoice documents from the Billing division
- Analyzed dozens of daily ServiceNow tickets from accountants and housing inspectors to adjust the SQL databases, recover lost data, and debug issues with the internal sites
- Troubleshooted connectivity issues between computers, credit card readers, cash drawers, and printers within the Point of Sale system

PROJECTS

Relativity Resume - relativityresume.com   **August 2019-December 2019**

- Cofounder of an online web service that guides job seekers with developing resumes by allowing users to lay out and store information about themselves on a well-formatted Microsoft Document
- Designed the web application using MEAN stack technologies with Angular as the frontend framework, Express.js as the backend framework package for Node.js, and MongoDB as the NoSQL database

Restaurant Menu   **May 2020**

- Developed a sandwich restaurant menu website using a Ruby on Rails framework that allows users to construct their meals of their choosing
- Constructed as a scaffold to add, edit, and delete ingredients from the meal

National Health Data Analytics   **July 2019-December 2019**

- Inspected a dataset of 100,000+ Americans from the Centers for Disease Control and Prevention to examine the daily routines and medical conditions of Americans today
- Communicated results with professors and proposed solutions for innovative health-related apps

Multi-Client Chat Server   **November 2019-December 2019**

- Implemented a Java Multi-Threaded server program that handles multiple clients and allow them to send messages synchronously to one another
- Developed a client program that opens a Java swing GUI where users can send messages to other clients without a terminal

Hair Segmentation Competition   **June 2019**

- Applied unsupervised learning onto a dataset of human facial images and their corresponding hair segmentation masks to train the model to detect hair segments on any image
- Achieved a 60% accuracy and was placed 4th in the competition

SKILLS

- Java, Python, HTML/CSS, C#, ASP.NET, JavaScript, Typescript, SQL, C/C++, Ruby
- Angular, MongoDB, Node.js, Ruby on Rails, Git/GitHub, Amazon Web Services, Unix/Linux, jQuery