Steven Liu

UC San Diego

Data Science

Undergraduate

Permanent Address:
121 Brookdale Avenue
San Francisco, CA 94134
Contact:
(415) 671-5701
sbliu@ucsd.edu

School Address:
9450 Gilman Drive #10318
La Jolla, CA 92092
Sites:
https://github.com/sdevinl/
https://sdevinl.github.io/

Skills

- Web Development in CSS, HTML, JavaScript and React
- Data Analysis and Data Frames in SQL, and Python
- Mastery of Advanced Data Structures and Algorithms in C++, Python, Java

Experience

Jamba Juice *Barista* 2014 - 2015, San Francisco

- Helped implement and configure a quick system that maximized the productivity of each employee as well as making it easier to manage and handle resources.

Macy's *Sales Associate* 2015 - 2016, San Francisco

- Displayed the effectiveness and benefits of an unsupervised and autonomous worker, which allowed for the increase in positive interactions between customers and employees.

K-Element BBQ *Busser/Server/Host* 2018 - Present, San Francisco

- Ensured that every position could complete their duties at peak performance by making sure each position have the support needed to succeed, which allowed for an increase in efficiency.

Education

University of California San Diego / Data Science B.S.
2018-2021, La Jolla (Attending)

Extracurricular

UC San Diego Triton^3 Electronics/Software Team:

- Custom PCB design using Altium Designer 19, the industry's choice on PCB design software. Coding on the PIC24 architecture using MPLAB and integrating various sensor breakout boards that fit within the CubeSat form factor of 10cm cube segments.

Projects

Sudoku Puzzle: (In C++ and runs through command console)

Allows the player to select from 4 difficulties, records the scores from each playthrough, calculates and shows the player some statistics once the puzzle is solved. Uses GetStdHandle to change color of values when playing.

Yelp Restaurant Maps: (In Python and uses packages from visualize and ucsd)

Gives a map of restaurants that contains where the restaurant is located and the reviews, containing a variety of data. Options to create clusters of restaurants to find places that are nearby each other. Creates a prediction for restaurants that don't have ratings and allows an input key to filter out tags. Also allows a system of users which incorporates the user's personal reviews and ratings of restaurants.