
Software engineering searching for the next problem to solve!

SKILLS

Languages: Python, Java, Javascript(ES5, ES6), R, SQL, MySQL, SQLite, NoSQL, MongoDB, HTML, CSS JQuery

Web Development: Django, Flask, Java Spring Framework, Spring Boot, Node.js, Angular(8), Express, MVC architecture, RESTful APIs, AWS, Git

PROJECTS

Cribbage-Pro — *Angular 8*

Github code - <https://github.com/liamcclane/cribbage-pro>

This passion project was inspired by the card game Cribbage. The game as a whole is an edge case. The logic to get the game working was challenging enough. Then designing a responsive UI crib board was another whole monster.

I managed a team of two with strict deadlines. Built this project with **Angular**. The front end design takes advantage of **Grid** with **Flex-box** and relies on **Media Queries** for responsive design. Internally, Cribbage-Pro manipulates **Objects** and **Classes(OOP)** in multiple ways in order to always be optimizing score counting and AI automation.

Travel Buddies — *Django, Python, Bcrypt*

Live - <http://3.136.108.165/> Hosted via AWS

This site centralizes friends and adventure enthusiasts alike. Travel Buddies helps organize and plan fun trips and events. Each trip has a host and travelers, and the UI settings are dependent on that role.

This was my personal project, created, designed, and deployed alone. I was given a week to complete a website using Django. I balanced my time between backend creation of models using **mySQL** and front end design for an easy **UI** interface.

Implemented **bcrypt** to secure and store hashed passwords for users protection, intertwined **mySQL** as the database, and worked with **bootstrap** for creative responsive front end designs.

Memory Dump — *SpringBoot, Java, SQL*

Github code - <https://github.com/JohnABobst/MemoryDump>

This group project was created as a Stack Overflow clone. Built with **SpringBoot**, implemented **CRUDRepositories** with model query calls, and leveraged **bcrypt** to ensure password security, used **github** to deal with version control and code sharing.

I was delegated to front end design. I implement 3rd party libraries for the layout. Attended daily design meetings. Presented my contributions to the team as a whole for evaluation before deployment.

EDUCATION

BA Mathematics — *California State University Sacramento*

SEPT 2013 - DEC 2017 graduated with honours

PREVIOUS WORK

Coding Dojo — *Full Stack Web Developer, Student*

OCT 2019 - PRESENT - 1920 Zanker Rd #20, San Jose Ca, 95112

Duties Include: Morning Cohort Rally, Assignment check-ins

Eurofins MET Laboratories — *EMC Test Technician*

MARCH 2019 - SEPT 2019 - 3162 Belick St, Santa Clara, Ca 95054

BJ's Restaurant & BrewHouse — *Server/Bookkeeper*

APRIL 2018 - MARCH 2019 - 511 Coleman Ave, San Jose, Ca 95110

CSU Sacramento — *TA/Lab Tutor*

JAN 2017 - DEC 2017 - 6000 J St, Sacramento Ca, 95819

Scribnerbend Vineyards — *Wine Tasting Associate*

APRIL 2018 - MARCH 2019 - 511 Coleman Ave, San Jose, Ca 95110