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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.

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.

Implemented **bcrypt** to secure and store hashed passwords for users protection, intertwined **mySQL** as the database, 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.

## EDUCATION

### BA Mathematics — *California State University Sacrameto*

SEPT 2013 - DEC 2017 graduated with honours

## PREVIOUS WORK

### Coding Dojo — *Full Stack Web Developer, Student*

OCT 2019 - PRESENT

### Eurofins MET Laboratories — *EMC Test Technician*

MARCH 2019 - SEPT 2019

### CSU Sacramento — *TA/Lab Tutor*

MARCH 2019 - SEPT 2019

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

APRIL 2018 - MARCH 2019

### Scribnerbend Vineyards — *Wine Tasting Associate*

JAN 2017 - DEC 2019