Lia McClane

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Looking for software engineering roles in the Bay Area.

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

EXPERIENCE

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 recruited one other member to help my vision become a reality. We built this project using **Angular**. The front end design takes advantage of **grid** with **flex-box** and relies on **media queries** for screen sizes. Internally, Cribbage-Pro manipulates **Objects** and **classes** 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

I built this site to centralize friends and adventure enthusiasts alike. This site helps organize and plan fun trips and events. Each trip has a host and travelers, and the UI settings are dependent on that role.

Imported **bcrypt** to secure and store hashed passwords for users protection, intertwined **mySQL** as database, worked with **bootstrap** for creative 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. The team built this project with **SpringBoot**, implemented **CRUDRepositories** with model query calls, and used **bcrypt** to ensure password security, dealt with version control and code sharing with **github**.

EDUCATION

BA Mathematics — *California State University Sacrameto*

SEPT 2013 - DEC 2017 graduated with honours

PREVIOUS WORK HISTORY

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