Lia McClane

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Software engineering searching for the next problem to solve!

SKILLS

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

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

PROJECTS

Travel Buddies — *Django, SQL*

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.

- Uses **MySQL** to handle relational data.
- Implements **Bootstrap** for accessible and responsive UI design and multiple user platforms.
- Stores hashed passwords for increased security with **bcrypt**.

WatchWithMe— *React, MongoDB* - https://github.com/liamcclane/WatchWithMe

WatchWithMe's front end design is inspired by Netflix. This project is a way for users to make a bucket list of movies and TV shows they want to watch someday. Whether they watch the movies alone, or with friends, users can check off movies they have completed off the bucket list.

- Built with **React** as a front end, this project optimizes React's component based nature reducing code redundancy.
- Uses two different **APIs** to pull images for movie/TV data from omdb.com and googles YouTube API for trailers.
- Implements **MongoDB** as an easily scalable backend.

Spooky Spooky Library — *Java DBC & Servlets, SQL* - https://github.com/liamcclane/WatchWithMe

Spooky Spooky Library is a site that deals with permissions as a librarian and patron. Built as a Maven project with a JDBC that renders servlets. Librarians can manage, monitor, and activate patron accounts. Patrons can browse though and checkout books in the library.

- Utilized **Figma as a wireframe** to organize the team.
- Adapted to Gitlab's builtin **ticket system** to distribute work swiftly and efficiently.
- Abided by **SCRUM** manifesto with week long sprints to complete features.

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** - 1920 Zanker Rd #20, San Jose Ca, 95112

Eurofins MET Laboratories— *EMC Test Technician*

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