ROSS MACDONALD

GitHub | LinkedIn | Portfolio | Blog

Projects

Hearsay
Node.js/React/Express/Knex

This full-stack app allows users to review encounters with law enforcement and post to a discussion board regarding different criminal justice issues. On the backend I created the server and multiple API endpoints enabling user registration, user login, review and discussion post fetching using Node.js/Express. Client side is created with React and vanilla CSS.

Meal Generator
JS/jQuery/HTML/CSS

Single page app - takes three fields of user input for diet restrictions, ingredient limitations and calorie count and generates a list of three meals a day for seven days with links to recipes based on data from an API call. Additional input section provides ingredient substitutes for recipes.

Public Safety Quiz
HTML/CSS/JS/jQuery

Interactive quiz app - takes the user through a set of questions and gives different feedback based on a correct or incorrect answer. User's score and current question is updated with each question. After the final question user is provided a final score and prompted to retry the quiz.

Technical

Node.js	jQuery	PostgreSQL
React	HTML5/CSS3	Express.js
JavaScript	Git/GitHub	Bash

Experience

Bloc.io Apprenticeship — 2020
Web Development Track

Learned current technologies in web and software development through hands on experience. Created multiple web applications and deployed them to production. Focused on JavaScript, React, jQuery for the frontend while using Node.js with different libraries on the backend.

Mountain View Police Department — 2019 — Present
Public Safety Dispatcher II

Triaged 9-1-1 and non-emergency calls for service for police, fire and medical and dispatched units to calls. Worked collaboratively in a fast-paced, high-pressure environment. Continuously worked with teammates to solve problems while manipulating multiple computer systems and monitors. Oten worked as only one of two dispatchers covering the entire city and made quick, impactful decisions with little or no supervision.

Marin County Sheriff's Office — 2017 — 2019
Communications Dispatcher

Triaged 9-1-1 and non-emergency calls for service for six separate police agencies. Dispatched on three different law radio channels. Worked in a large communications center with teammates to deliver the best possible service under stressful conditions. Effectively provided service while manipulating several different computer systems and monitors. Worked as a 'communications training officer' to train multiple employees on emergency and non-emergency call-taking.

Education

Arizona State University — 2016
BS, Criminal Justice & Criminology, *Magna Cum Laude*