Brendan Mok

Software Engineer

Contact
San Francisco, CA
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Portfolio
github.com/bmok88
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Technical Skills

Strong: Javascript(ES5/6), React/Redux, Node/Express, Mongoose/MongoDB, HTML/JSX, Angular, Webpack/Babel, Knex, MySQL, RESTful APIs, Git, jQuery

Experienced: CSS, Sequelize, Bootstrap, AWS(S3), Backbone, Mocha, Chai, SQLite3, Axios, Matlab

Full Stack Projects

The Gauntlet - https://the-gauntlet2.herokuapp.com

Social media platform allowing users to create and vote on custom competitions

- Established a responsive interface with React, HTML, CSS, Bootstrap, and jQuery
- Used MySQL/Knex with an S3 file storage to allow for instantaneous lookup of non-local data
- Architected a full stack data flow by integrating a React/Redux based front-end with a Node/Express server to enable direct messaging
- Applied Express routing to attach endpoints with modular MySQL/Knex controller methods
- Set-up the development environment using webpack to bundle JSX files with BrowserSync

WeFit.ly - https://github.com/wefitly/wefitly

A community driven marketplace for personal training

- Constructed a real-time booking service catered to the user's preferences with React, HTML, CSS and jQuery
- Designed a homepage for trainers with a confirmation service for bookings using React, HTML and CSS
- Utilized MVC framework to modularize back-end for data persistence with MongoDB/Mongoose
- Implemented a RESTful API using HTTP on client and Express/Node.js routing

RainSong - https://github.com/bmok88/RainSong/tree/playList

A weather and location based music generator

- Incorporated Angular to give users ability to customize, share, and comment on playlists
- Implemented modular Mongoose schemas and methods to appropriately store data

Professional Experience

AmerisourceBergen - *Health Insurance Verification Specialist*   *2015 - 2016*
- Aided client Allergen in completion of Botox verification project by exceeding position metrics by 50%

UC Berkeley Genetics and Epidemiology Lab - *Genetics Lab Technician*   *2014 - 2015*
- Oversaw the start and completion of multiple projects that aided in genetic epidemiology research in addition to the daily completion of blood, saliva, and DNA assays

Education

UC Berkeley   *2010 - 2015*
- Bachelor of Arts in Molecular and Cell Biology
  - Minor in Nutritional Sciences

Hack Reactor   *2016 - 2017*
- Full Stack Software Engineering Immersive

Personal

Aspiring software engineer who enjoys anything random and unusual, hoping to someday play a round of golf on Mars.