

LUKE MASON

SOFTWARE ENGINEER

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Skills

LANGUAGES

JavaScript

CSS3/SASS

HTML5

FRAMEWORKS / LIBRARIES

React

Redux

D3.js

Cypress.io

Jest

Mocha/Chai

METHODOLOGIES

Agile (Git/GitHub)

Responsive Design

Web Accessibility

TDD

End-to-end / Unit /
Integration Testing

CI

UI / UX

Education

Turing School of Software and Design

Front End Software

Engineering 2021

- Performed individual, paired,
and group project work

executed in 1-2 week sprints

- Spend 1700+ hours of class,
independent studying, and
project work time

Passionate software engineer who specializes in front end technologies to design, and provide an appealing user interface and a seamless user experience. Seeking to positively contribute to the company's success by applying creative thinking and design.

Projects

Charity Local · Mar. 2020 to Mar. 2020

- An app that allows users to search for charities local to the area of their choosing. They can view information specific to that charity, as well as visit the charity's official website.
- Emphasis on error handling, as well as expanding my knowledge of React Router.

TECH USED: Fetch API, JavaScript, React, React Router, JSX, CSS

TESTING: Cypress (End-to-end and integration testing)

OzoneIQ · Feb. 2021 to Mar. 2021

- An app that allows users to view the air quality index and other information for their current location, or an area of their choosing. They can save specific locations to view again.
- Learned and implemented PWA technology, specifically service worker files.

TECH USED: PWA, Fetch API, JavaScript, React, React Router, JSX, CSS

TESTING: Cypress (End-to-end and integration testing)

FitLit · Dec. 2020 to Dec. 2020

- A fitness tracking app that allows users to view their daily, weekly, and all time data for various fields including hydration, activity, and sleep.
- Explored and implemented the D3.js library to build custom, dynamic graphs.

TECH USED: Vanilla JavaScript, D3.js, HTML5, CSS

TESTING: Mocha and Chai (Unit testing)

Employment

Empirical Labs

Production Worker

Fort Collins, CO

June 2019 to July 2020

Empirical Labs is a nutraceutical company that makes a wide range of powder, capsule, and liquid supplements.

- Spearheaded the implementation of an improved system that accurately kept track of inventory to maintain company standards.
- Collaborated with managers and other departments consistently to produce quality products efficiently.
- Selected to be cross-trained to perform all functions from research and development to all production areas.

The Waffle Lab

Kitchen Lead

Fort Collins, CO

Feb. 2017 to June 2019

- Promoted from dining room server to Kitchen Lead in less than a 12 months.
- Demonstrated flexibility and problem solving while working in an extremely fast paced environment.
- Managed restaurant inventory, ensuring food and other products were in supply.