

Sean McLaughlan

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Skills Full stack developer, software engineer, JavaScript ES6, Node, Python, React, Redux, Flask, SQLAlchemy, HTML5, CSS3, Git, PostgreSQL, Databases, Test-Driven Development

Projects

Sketchcircle (JavaScript, Material-UI, Python, React, Redux, Flask, SQLAlchemy, HTML, CSS) [Live Site](#) | [Github](#)
Community sketchbook site with posting, favoriting, goal setting and an image only timeline.

- Adapted regex and Material-UI to gather image links and display them in an image only timeline feature which allows users to conveniently view important content.
- Integrated Redux store to save data to optimize speed of page to page navigation, allowing for a smoother user experience.
- Designed the goal graph using Chart.js to automatically create ideal data points to guide and assist users in setting a pace to accomplish their goals on time.

PlanetSide Stats (JavaScript, ReactJS, Node.js, HTML, CSS) [Live Site](#) | [Github](#)
React application that visualizes stats and information from the game PlanetSide2.

- Implemented asynchronous JS with async-await to acquire and sort data from third party API without page refreshes for an uninterrupted user experience.
- Constructed graphs with Grommet using data calculated or requested JSON data from third party APIs to display user statistics in an easily understood visualization.
- Employed Auth0 which allows users to login quickly with accounts previously created on a commonly used service like Google.

Rare (JavaScript, HTML, CSS, Pug, NodeJS, Express, PostgreSQL database) [Live Site](#) | [Github](#)
Social journalism web application.

- Created secure user authentication using bcrypt password hashing to keep user information safe and provide user privacy.
- Designed appealing, accessible UI with HTML and CSS that emphasizes site's content to improve user interface.
- Leveraged third party Markdown editor for articles and comments to provide the end user with familiar yet also easy-to-implement text creation.
- Integrated Pug to design page layout templates and JavaScript to modify HTML with data after AJAX fetch calls complete.

Experience

Savers

Store Associate

Jan 2016 - Sept 2016

- Provided customer service in cooperation with coworkers by welcoming customers and working the cash register.
- Accepted new donations, organized and prepared new items for sale, under own direction and time management.
- Tasked with regularly updating and maintaining store inventory to ensure latest products were always on display.

Custom Built Cabinetry

Shop Assistant

Apr 2013 - Oct 2013

- Supported installation of cabinets in a timely manner to guarantee client satisfaction in a flexible way.
- Removed old or damaged supplies and kept the shop area clean to ensure an efficient working environment.
- Prepared client orders for installation by assisting in tasks such as sanding and transportation.

Education

App Academy

2019 - 2020

Immersive 1000+ hours technical software development course with <3% acceptance rate. Areas of focus include full-stack web development, data structures and algorithms, software engineering, computer science fundamentals, test driven development / TDD, UX, OOP, SQL, APIs, REST, programming.

University of Central Missouri

Pursued BA in System's Administration

2010 - 2012

St Louis Community College

Associate's in General Studies

2007 - 2010