




Ed Woulfe

Computer Science Graduate, Web Developer

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 edwoulfe.com

SKILLS

Proficient At:

HTML5, CSS3, JavaScript, React, Sass, GitHub, Git, NPM, Figma, Jira

Used in previous Projects/School:

Bootstrap, jQuery, PHP, MySQL, MongoDB, Node.js, Express, Photoshop, Gitlab, Java

TECHNICAL EXPERIENCE

BDOProfit - [GitHub](#) | [Live Website](#)

Tool to help players calculate profitable margins for a recipe/craft provided its costs and sales price.

- Front end was built with **HTML**, **Sass**, **Bootstrap**, **JavaScript**, and **jQuery**.
- Utilized AJAX requests to the **MySQL** database with **PHP** to fetch item data.
- Gathered thousands of item data utilizing web scraping with **Node.js** and **Puppeteer**.
- Formatted item data into CSV files and imported them into a Relational Database.

LoL Champions - [GitHub](#) | [Live Website](#)

Website to assist beginner players with a better understanding of the game and its champions.

- Single Page Application built in **ReactJS**, **Sass**, **Bootstrap**, Fetch API, and React-Router.
- Game and Champion data retrieved from the official Riot Games API.
- Built AWS API Gateway to enable CORS Policy for fetch requests.
- Decreased number of fetch requests using local and session storage methods.

Favorite Movies - [GitHub](#) | Work in Progress

Application that allows a user to bookmark their favorite movies.

- Implemented API endpoints and object models with **Node.js**, **Express**, and **MongoDB**.
- Single Page Application using **ReactJS** and **Sass**.
- Authentication of user login credentials with Json Web Tokens.

Daycare App – School Project

Swift Application that updates parents on their children's status registered at a local daycare.

- Collaborated with 3 students, creating an IOS and Android version of the application.
- Responsible for designing layout flow for smooth and efficient user experience.
- Negotiated with client on desired features and gave scheduled updates on progression.
- Worked in an agile environment, using Jira as the ticket system within 2-week sprints.

EDUCATION

Bachelor of Science / Computer Science

University of Wisconsin - Parkside, December 2020