Wilson Birch

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Github: https://github.com/wilsonbirch
Portfolio: https://wilsonbirch.github.io/react_portfolio_hosted/

SUMMARY

Web developer with a background in Mechanical Engineering. Recognized as a natural leader and hardworking problem solver. I bring a true engineering process to the problems faced by web developers each day. Graduate of Full Stack Coding Bootcamp through Carleton University and Trilogy Education Services.

TECHNICAL SKILLS

Languages: CSS, HTML, JavaScript, REACT, jQuery

Databases: MySQL, MongoDB

Tools: Git and Heroku

PROJECTS

Productivity Booster | https://christopherjbourque.github.io/project1/ | https://github.com/christopherjbourque/project1
- A single html page that consists of a task manager, weather dashboard, the date and time, and a Soundcloud music player.
- Responsible for Soundcloud player API.
- Technologies used: HTML, CSS (Foundation), JavaScript, Lodash, Open Weather API, Soundcloud API, Mapbox API.

Google Books Search | https://intense-lowlands-28384.herokuapp.com/ | https://github.com/wilsonbirch/Google_Books
- A React based web application build with the MERN stack. Uses the Google books API to search 10 books by name. The app allows for saving any searched book to a Mongo Atlas DB. Any saved books can be deleted from the database.
- Responsible for the entire app, all front and back end code
- Technologies used: Mongo, Express, REACT, Node, Mongoose, React-bootstrap, Axios, React-router

Restaurant Reviewer | https://secure-mesa-11479.herokuapp.com/ | https://github.com/wilsonbirch/restaurant-reviewer-2.0
- An html based application that allows the user to search restaurants by name or location (EU). Once searched, the user is able to save/review their favorites.
- Responsible for database and frontend development.
- Technologies used: HTML, CSS (Bootstrap), JavaScript, Handlebars, Es-lint, Travis-CI, Passport, Bcryptjs, mySQL, Sequelize, Express

EXPERIENCE

El Furniture Warehouse: *Ottawa, Ontario.* April 2016-Present
Bar/Floor Manager
- Oversee and support a group of 10+ employees during a day or night shift. Provided many opportunities for me to adapt and respond quickly to all types of management issues while working in a team
- Build/Maintain weekly employee schedule. Gained experience with scheduling procedures and practices.
- Balance daily cash out sheets/ATM. Provided experience to always pay attention to detail, hone basic accounting/business related financial records.
- Maintain restaurant POS, ATM and moneris systems. Required troubleshooting of various hard and software issues that arose with the computer systems in place.
- Follow/implement restaurant opening and closing procedures.
- Create daily reports. Good experience with professional writing/reporting in relation to what was accomplished for that day/shift.
- Completed weekly product orders. Familiarized with ordering procedures and budgeting.
- Provide excellent customer service to every customer.

Laurin General Contracting: *Ottawa, Ontario.* April 2015-August 2015
General Labourer
- General construction site odd jobs. Taught the importance of hard work/long hours. Introduced to the field of construction and all things that come with it
Health and Safety Representative
- Conduct weekly safety meetings. Be available to any worker on site with any health and safety issues. Experienced with implementing OHSA health and safety standards to a group of worker.

EDUCATION

B. Eng. Mechanical, April 2020
> Faculty of Engineering & Design, Mechanical Engineering, Carleton University
> - Engine Systems Engineer, Carleton FSAE Ravens Race Team, September 2019 – April 2020

Carleton University Coding Bootcamp (Trilogy Education Services), November 2020
> Full Stack Flex Program
> - Browser Based Technologies (HTML, CSS, JavaScript, jQuery, Responsive Design, Bootstrap, Handlebars, Local Storage/IndexedDB, React.js), API Interaction (API, JSON, AJAX), Deployment/Command-line Fundamentals (Heroku, Git), Databases (MySQL, MongoDB), Server Side Development (Node.js, Express, User Authentication, PWAs, MERN Stack), Quality Assurance (Unit + Functional Testing, Linting, Continuous Integration), May 2020 - Present
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REFERENCES

(available upon request)