Brendan Anthony MacLean

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DESCRIPTION

I'm a graduate of the University of Toronto – Mississauga campus, and I am seeking employment as an entry level web developer.

I would describe myself as a hard worker and eager to learn more about different web technologies, libraries and frameworks. I work well with others, and always do my best to carry my own weight.

EDUCATION

University of Toronto – Mississauga — *Honours Bachelor of Science Degree*

September 2014 - April 2020

I studied Computer Science, Mathematics and English at the University of Toronto – Mississauga. I got to participate in many different assignments and projects, and I learned about working in teams using Git and Scrum to manage User Stories. My studies in English also provided me with a strong set of written communications skills for writing reports.

PERSONAL CV WEBSITE

https://macwebdevelop.github.io/codecv/Landing%20Page/

SKILLS / LANGUAGES

Javascript

Java

Python

HTML/CSS

Jira

Git Version Control & Github

Scrum

Agile Development

SQL – SQLite 3, MySQL, PostgreSQL

React

NodeJS, Express, Ajax

Building RESTful APIs

Shopify Platform

STRENGTHS

Team Player

Problem Solving Mindset

Understanding of abstract programming principles, i.e. recursion, dependencies, DRY coding, and software architecture models

Communication

EXPERIENCE

Shopify Web Developer

Tiimports Limited, Toronto, ON - *from September 2020 - Present*

I worked for Tiimports Ltd as their Shopify website developer. I built two Shopify stores, Fancypaper.ca and Envelopescanada.ca, concurrently over several months, and by doing so helped them create a new avenue to receive and fulfill orders. My duties included data entry for different product lines, and design work on the store templates. I also connected the company's own domains to the new stores. In the first two months, the two stores generated enough revenue to entirely cover the cost of the Shopify subscription for the year.

PROJECTS

Up-Grade — *App and Website for University Students*

This project is a web-based application that would allow students to keep track of their marks and GPA throughout their studies. This tool was intended for students who are not particularly mathematically-inclined but desire to keep track of their grades and course progression, or for high achieving students to maintain their CGPA. We used graphing to show the students their general trends in courses, and allowed for final grade calculation based on expected final exam grades. The application is primarily intended for students who are hoping to enter or remain in programs with required CGPAs and minimum grades in specific courses. My role in the project was to assist in the designing of the interface both on the website and on the mobile application, as well as planning how to implement features across the four sprints our team engaged in.

Fortnite 2-D — *A 2-D Scroller Game using a Sqlite 3 database, React components, an Express application and NodeJS modules*

This was a project built during a web development class in teams of two, utilizing CRUD operations through an Express app to manage accounts in a SQLite3 database. The components of the login, registration, update and delete pages were all built using React, while the game itself was generated using a javascript canvas. The game allowed for multiple players to join when it was hosted and the application was running on the university server. My primary role in the building of this application was to build the CRUD functions and their corresponding React Components, as well as the styling through CSS.

Expense Tracker — *A Web App built using a Sqlite 3 database, an Express/jQuery application and NodeJS modules*

This was a solo project I built to hone my skills in building CRUD functions. I built an Express app to track transactions stored in a Sqlite3 database, and to be able to fetch income, expense, and net balance values for the user. The app displays the transactions using an unordered list, converting each row of the Sqlite table into a formatted list item showing the ID, transaction label and the dollar amount. The app also dynamically updates the Balance, Expenses and Income values based on updating, adding or deleting transactions.