

# Paul McJannet

*I am a highly-motivated, self-taught web developer who continually learns new and exciting technologies. I frequently integrate acquired software skills to produce interesting and intricate applications for mobile and desktop environments.*

613-898-0378

[paul@paulmcjannet.com](mailto:paul@paulmcjannet.com)

[linkedin.com/in/paul-mcjannet](https://linkedin.com/in/paul-mcjannet)

[github.com/paul-mcj](https://github.com/paul-mcj)

[paulmcjannet.com](https://paulmcjannet.com)

## EDUCATION

### Algonquin College — Web Development and Internet Applications

SEP 2024 - PRESENT

- Program focuses on full stack development, database design, internetworking environments and security, as well as modern programming languages and industry best-practices
- Anticipated graduation date is August 2025

## PROFESSIONAL EXPERIENCE

### Canada Revenue Agency — Administrator

FEB 2023 - AUG 2024

- Organized, maintained and deployed provincial-wide intranet web content for multiple management teams
- Trained inexperienced developers in understanding and updating HTML code on existing web pages as well as implementing styling via front-end frameworks
- Addressed operational issues with legacy software by navigating documentation and collaborating solutions with team members

## PERSONAL PROJECTS

### [Beer Order Application](#)



- React application uses JSON data to simulate e-commerce websites where users can dynamically interact with items and add them to a cart for processing
- Implements several fundamental technologies pertinent to modern React SPAs such as the context API and custom hooks
- Integrates multiple external libraries to provide appealing and seamless user interaction such as Tailwind CSS for modern styling and React router for navigation

## PROGRAMMING LANGUAGES

HTML

CSS

JavaScript (ES6)

Python

MySQL

JSON

## DEVELOPMENT TOOLS

VSCode

NPM

PIP

Git / GitHub

Vite

## FRAMEWORKS & LIBRARIES

React

Next.js

React Native

Node.js

Tailwind CSS

Material UI

## OTHER TECH SKILLS

REST API

Tensorflow

Responsive Design

CCNA

Microsoft Excel

## Speech Recognition Maze



- React application generates a random maze in which users help navigate a square to the finish line using speech commands via a microphone
- Makes use of machine learning framework Tensorflow as well as Google's "Teachable Machine" tooling platform to integrate custom-built audio models that process user audio commands, which are then used to visually update progress about the maze

## Online Store



- Designed and implemented a responsive multi-page website that employs various fundamental web development languages including HTML, CSS and JavaScript
- Form validation via regular expressions and dynamic content establishes an intuitive and realistic user experience

## Music Player



- Conceptualized, built and deployed a small application using HTML, CSS and JavaScript that allows users to pause, play, skip, repeat and shuffle audio tracks
- Incorporates instrumental web development methodologies such as high order array manipulation and HTML event listener functions