

Camdyn Hamilton

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Education

York University

Sep 2022 – Jun 2027

Bachelor of Science in Computer Science

Toronto, ON, Canada

- **Relevant Coursework:** Advanced Object-Oriented Programming (Java), Computer Organization (RISC-V & Verilog), Fundamentals of Data Structures (Algorithms), Introduction to Database Systems (SQL & DBMS)

Work Experience

Royal Bank of Canada

Sep 2024 – Apr 2025

Full-Stack Developer Co-op

Toronto, ON, Canada

- Contributed to the development of a **machine-learning-powered advisor insights web application**, using **TypeScript**, **Vue.js**, **SCSS**, and **FastAPI** to enhance functionality and user experience.
- Developed **8 new full features**, including a **global search function** and **back-end functionality for favouriting advisor opportunities**, directly supporting business intelligence and decision-making for advisors.
- Worked in an **agile environment** with a **cross-functional team** of designers, developers, and product managers to ensure **high-quality and accessible web applications**.

Stone Row Farm Inc.

Mar 2024 – May 2024

Front-End Developer

Remote

- **Assisted in building and maintaining business web pages** for a local small business using **HTML**, **CSS**, **Bootstrap**, and **JavaScript**, applying early-stage development skills to improve online presence.
- **Communicated with company owners** to gather feedback and adjust interface designs, practicing front-end development in a real-world context.
- **Proposed design solutions** to align with evolving business needs, contributing to the overall website strategy during the initial stages of development.

Personal Projects

Portfolio Website | TypeScript, Vue.js, SCSS

- Developed and deployed a **personal portfolio website** using **TypeScript**, **Vue.js**, and **Vanta.js**, showcasing **interactive animations** and advanced **JavaScript libraries** like **Typelt** for a **dynamic user experience**.
- Created a **responsive carousel** with a **pop-up modal** to feature and provide **detailed descriptions** of work and project experiences, **improving user engagement and navigation** across mobile and desktop devices.
- Added **accessibility features** and utilized **Axios** and **Pinia** for **efficient data storage and access**.

Password Manager | Python, Base64.py, Cryptography.py, Random.py, Tkinter.py

- Crafted a secure Password Manager application in **Python**, employing the **cryptography** and **tkinter** libraries.
- Leveraged cryptographic techniques such as **password-based key derivation** and **Fernet encryption** scheme for enhanced security.
- Devised user-friendly functionalities for managing passwords securely, including **viewing**, **adding**, and **generating passwords**.

SportIQs | JavaScript, React, Vite

- Engineered a sports trivia game using **React**, featuring interactive quizzes and dynamic updates.
- Utilized **Vite** for efficient building and fast development cycles.
- Implemented **state management** to handle user interactions and quiz progress seamlessly.

Technical Skills

Languages: JavaScript, Python, TypeScript, Java, SQL, HTML, CSS

Frameworks & Libraries: Vue.js, React, Node.js, Express.js, FastAPI, SCSS, Bootstrap, Pinia, Axios, Mongoose, Vanta.js, Typelt

Developer Tools: Git, Visual Studio Code, MongoDB, MySQL, IntelliJ IDEA, PostgreSQL, PyCharm, Unix, Jasmine

Computer Architecture: RISC-V, Verilog