

# 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

*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 **Pinia** to enhance functionality and user experience.
- Developed **8 new full features** including a **global search function** and **advisor opportunity recommendations**, 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, Pinia, Axios, SCSS

- Designed and developed a personal portfolio website to showcase projects and technical skills using **Vue.js**, **TypeScript**, and **SCSS**.
- Enhanced user engagement with **dynamic background animations** using **Vanta.js** animation library.
- Implemented **responsive design principles** to ensure optimal performance across various screen sizes, including mobile devices.
- Integrated **accessibility features** and utilized **Axios** and **Pinia** for efficient data management.

### 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:** CSS, HTML, Java, JavaScript, Python, SQL, TypeScript

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

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

**Computer Architecture:** RISC-V, Verilog