

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

RBC Sep 2024 – Apr 2025
Developer Co-op Toronto, ON, Canada

- Contributed to the development of a **machine learning-powered internal application** using **TypeScript, Vue, SCSS,** and **Pinia**.
- Collaborated on the development of **8 new full features**.
- 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

- Built and maintained business web pages using **HTML/CSS, Bootstrap,** and **JavaScript**.
- Communicated with company owners to **gather feedback** and **refine interface designs, proposing innovative solutions** to meet evolving requirements.

Personal Projects

Portfolio Website | *TypeScript, Vue.js, SCSS, GitHub*

- Designed and developed a personal portfolio website to showcase projects and technical skills using **Vue.js, TypeScript,** and **SCSS**.
- Added **dynamic background animations** with the **Vanta.js** animation library, enhancing user engagement and visual appeal.
- Implemented **responsive design principles** to ensure optimal performance across various screen sizes, including mobile devices.
- Deployed and managed the project through **GitHub Pages** for continuous updates and maintenance.

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 | *React, Vite, GitHub*

- 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
Developer Tools: Bootstrap, Express.js, Git, IntelliJ IDEA, Jasmine, MySQL, Node.js, PostgreSQL, PyCharm, React, SCSS, Unix, Visual Studio Code, Vue
Productivity Software: Excel, Outlook, PowerPoint, Word
Computer Architecture: RISC-V, Verilog