

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 – April 2025
Developer Co-op Toronto, ON, Canada

- Build and maintain critical components used to construct front-end components for various artificial intelligence and machine learning projects using **TypeScript**, **Sass**, and **Vue**.
- Work closely in an agile environment with a cross-functional team consisting of designers, developers, and product managers to ensure web accessibility.

Stone Row Farm Inc. Mar 2024 – May 2024
Front-End Developer Remote

- Developed various business web pages by creating and maintaining code using **HTML/CSS**, **Bootstrap**, and **JavaScript**.
- Communicated with company owners to **gather feedback** and **refine interface designs**, **proposing innovative solutions** to meet evolving requirements.

Honda of Canada Mfg. May 2022 - Sep 2022
Summer Student Production Associate Alliston, ON, Canada

- Executed various tasks on the Honda Civic door assembly line, ensuring adherence to the takt time of **71 seconds per car**.
- **Demonstrated quick learning and adaptability** by efficiently taking on new tasks on the production line and working with multiple Honda Civic models.
- **Collaborated with team members** to meet production targets and maintain high-quality standards.

Personal Projects

Djibouti | *HTML, CSS, JavaScript, Jasmine, GitHub*

- Produced an interactive web game using **HTML**, **CSS**, and **JavaScript**, inspired by the popular online game Wordle, with a unique country theme.
- Implemented **JavaScript classes** to manage and store country-related information for user interactions.
- Utilized the **Jasmine testing framework** to perform **unit and integration tests**, ensuring new features and components function correctly in the web app.

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, Git, IntelliJ IDEA, Jasmine, MySQL, PostgreSQL, PyCharm, React, Unix, Visual Studio Code
Productivity Software: Excel, Outlook, PowerPoint, Word
Computer Architecture: RISC-V, Verilog