

Camdyn Hamilton

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Education

York University

Sep 2022 – Jun 2026

Bachelor of Science in Computer Science

Toronto, ON, Canada

- **Relevant Coursework:** Advanced Object-Oriented Programming, Design and Analysis of Algorithms, Operating System Fundamentals, Applied Machine Learning, Introduction to Database Systems, Introduction to Computer Security

Work Experience

RBC Borealis - Project Data Platform as a Service Team

May 2025 – Aug 2025

Full-Stack Developer Co-op

Toronto, ON, Canada

- Led the majority of Angular front-end development for a unified platform handling high-volume, real-time event data across all RBC lines of business.
- Implemented interactive graphs and tables to visualize complex datasets for end users.
- Supported Spring Boot back-end development with RESTful API endpoints and PostgreSQL integration for data distribution to multiple platforms.

RBC Borealis - UX-Force Team

Sep 2024 – Apr 2025

Full-Stack Developer Co-op

Toronto, ON, Canada

- Delivered core features for a machine learning-powered Wealth Management advisor insights app, including a global search interface and API endpoints for saving opportunities, using Vue.js, TypeScript, FastAPI, and PostgreSQL.
- Built reusable data mocks and implemented front-end and back-end testing, improving developer efficiency and CI reliability.
- Contributed to a platform with approximately 1,500 active users, driving an estimated \$2M in cost savings and projected \$277k revenue growth for 2025.

Personal Projects

Hatsumai | Vue.js, TypeScript, Express, PostgreSQL, Knex.js, Docker, Supabase, Vite

- Developed a production-grade AI project generator as a successor to Proj.ai, emphasizing scalability and maintainability.
- Built a Vue.js + TypeScript front-end with Vite and a layered Express backend with PostgreSQL + Knex.js for robust database management.
- Implemented secure user authentication, including login, password reset emails, and persistent project history pages.
- Used Docker to create containerized local development environments, streamlining testing and onboarding.

Proj.ai | Angular, Express, Sass, TypeScript, OpenAI GPT-4o, GitHub Actions, Render, Google Analytics

- Created an MVP project generator for Computer Science students using OpenAI's GPT-4o API.
- Built an Angular front-end with dependency injection and an Express backend to handle AI-driven suggestions.
- Implemented CI/CD pipelines with GitHub Actions and automated end-to-end testing with Playwright.

Portfolio Website | TypeScript, Vue.js, Sass

- Developed and deployed a responsive portfolio website with interactive animations and dynamic modals for project details.
- Implemented a grid layout for the experience section, ensuring consistent UX across devices.

Technical Skills

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

Frameworks & Libraries: Angular, Axios, Bootstrap, Express, FastAPI, Node.js, Playwright, React, Sass, Spring Boot, Vitest, Vue.js

Developer Tools: Azure Data Studio, DataGrip, Docker, Git, GitHub, Google Analytics, IntelliJ IDEA, Jira, MySQL, Playwright, PostgreSQL, PyCharm, Unix, Visual Studio Code

Platforms & Services: Render, Supabase

Computer Architecture: RISC-V, Verilog