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*
- Built core **Angular components** for RBC's enterprise data platform supporting **high-volume, real-time event flow**.
- Developed **interactive dashboards** improving data visibility for engineering teams.
- Supported backend work in **Spring Boot + PostgreSQL**, building secure REST APIs.
- Ensured UI performance and consistency across RBC's design and data standards.

RBC Borealis - *UX-Force Team*   Sep 2024 – Apr 2025
Full-Stack Developer Co-op   *Toronto, ON, Canada*
- Shipped **8+ production features** for an ML-powered insights platform used by **approx. 1,500 advisors**, contributing to **$2M costing savings** and **$277k projected revenue**.
- Built a **global search interface** with Vue.js + TypeScript for cross-dataset querying.
- Developed **FastAPI endpoints** for saving advisor opportunities and ML insights.
- Created **mock data + automated frontend and backend tests** (Vitest, Playwright, Pytest), improving CI stability.

Personal Projects

Hatsumai | *Vue.js, TypeScript, Express, PostgreSQL, Knex, Docker, GPT-4o*
- Developed a production-grade **AI project generator** designed for maintainability, scalability, and secure user workflows.
- Built a **Vue.js + TypeScript** frontend with responsive layouts, dynamic routing, and improving UX flows.
- Created a **Dockerized backend (Express + PostgreSQL** with Knex migrations, structured API routes, and session-persistent history.
- Implemented **secure authentication**, pasword reset emails, and Supabase integration for reliable cloud storage.

Proj.ai | *Angular, Express, Sass, TypeScript, OpenAI GPT-4o, GitHub Actions, Render, Google Analytics*
- Built the original **AI project generator MVP** that later evolved into **Hatsumai**, using Angular UI components and Sass styling.
- Integrated **GPT-4o** via an Express backend for prompt engineering and structured recommendations.
- Added **CI/CD pipelines** (GitHub Actions) and **Playwright E2E tests**, with deployment automated through Render.

Portfolio Website | *TypeScript, Vue.js, Sass*
- Designed and deployed a responsive portfolio featuring **scroll-based animations**, **dynamic modals**, and a polished UX.
- Built reusable components, improving accessibility, and optimized performance with Vite, lazy-loading, and Sass styling.

Technical Skills

Languages: C, CSS, HTML, Java, JavaScript, Python, SQL, TypeScript
Frameworks & Libraries: Angular, Express, FastAPI, Node.js, Playwright, React, Sass, Spring Boot, Vite, Vitest, Vue.js
Tools & Databases: Azure Data Studio, Bash, DataGrip, Docker, Git, GitHub, Google Analytics, IntelliJ IDEA, Jira, MySQL, PostgreSQL, PyCharm, Unix/Linux, Visual Studio Code
Platforms & Services: Render, Supabase
Computer Architecture: RISC-V, Verilog