

Isabelle Beaudry

 LinkedIn |  Portfolio |  GitHub

EDUCATION

Western University

BESc in Software Engineering, Dean's Honour List, GPA 3.8/4.0

September 2021 – May 2025

London, ON

- **Key Courses:** Web Technology, Artificial Intelligence I & II, Cloud Computing, Data Structures & Algorithms

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C#, Swift, Liquid / PHP

Frameworks / Libraries: React, Node.js, Express.js, Bootstrap, Flask, TensorFlow, PyTorch

Developer Tools: Git (Version Control), AWS, GCP, Docker, Kubernetes, Atlassian Suite (Jira, Confluence)

EXPERIENCE

Junior Web Developer

X Tronics Inc.

May 2024 – August 2024, May 2025 – Present

Barrie, ON

- Optimized the EV-Tronix (Division of X Tronics) e-commerce website on **Shopify**, resolving bugs and implementing custom features by editing **Liquid** templates and code, increasing website sales page conversion by **15%**
- Developed custom Shopify features unavailable in native settings, including a U.S.-only tariff alert banner with automatic country detection and manual location selection
- Used Adobe Photoshop to design marketing assets such as website banners, promotional graphics, and LinkedIn content, increasing EV-Tronix LinkedIn impressions since May by over **100%**

Volunteer Web Developer

Toronto Climate Week (TOCW)

August 2025 – Present

Toronto, ON

- Implemented custom code snippets (**JavaScript**, **HTML + CSS**) into TOCW **Squarespace** site, launching features that improved event discoverability for **23,000 site visitors** in the **past 60 days** and over **5,000 in person attendees**
- Collaborated with the core volunteer team to ensure web content supports TOCW's mission to spark action, build networks, and showcase climate solutions
- Ensured timely updates and launch readiness for the inaugural October 2025 event while preparing for 2026 annual event

Director of Technology

Women in Science UWO

August 2023 – May 2025

London, ON

- Developed the Women in Science club website using **React** and **Node.js** and deployed using **GitHub Pages**
- Led website improvements with bug fixes, design updates, and performance tuning, reducing page load times by **~30%**
- Built and deployed a chatbot with **Vercel** using the Mistral 7B Instruct **Hugging Face** model and **Flask**, integrating it into the main website through a dedicated GitHub repo
- Participated in **code reviews** and provided constructive technical feedback to team members

PROJECTS

Circuit Sync

Frontend Link - Backend Link

Developing an iOS application that delivers Formula 1 race schedules, circuit details, and notifications through a custom backend **RESTful API** (**Node.js**, **Express**, and **MongoDB**) to provide structured race data for the frontend. Designing an interactive **SwiftUI** iOS frontend with dynamic components such as race lists, detail views, and user attendance tracking. Clean backend architecture, separating database, server, and API route logic for maintainability.

Sky Courier

GitHub Link

Built a casual 3D **Unity** game with orbiting low-gravity camera physics, immersive 3D menu transitions, and unique plane-based message delivery mechanics. Enhanced player experience by adding smooth camera controls, a motivational quote unlock system, local save states, and interactive dismissal logic.

Superhero Database

GitHub Link

Built a full-stack superhero database web app with user authentication, public/private list sharing, and admin moderation tools. Engineered **RESTful APIs** using the **MERN** stack (**MongoDB**, **Express**, **React**, **Node.js**) and deployed the application on **AWS EC2**.