

# Isabelle Beaudry

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## EDUCATION

<b>Western University</b> <i>BESc in Software Engineering, Dean's Honour List, GPA 3.8/4.0</i>	September 2021 – May 2025 London, ON
<ul style="list-style-type: none"><li>• <b>Key Courses:</b> Web Technology, Artificial Intelligence I &amp; II, Cloud Computing, Data Structures &amp; Algorithms</li></ul>	

## 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

<b>Junior Web Developer</b> <i>X Tronics Inc.</i>	May 2024 – August 2024, May 2025 – Present Barrie, ON
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- 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%**

<b>Volunteer Web Developer</b> <i>Toronto Climate Week (TOCW)</i>	August 2025 – Present Toronto, ON
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- 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

<b>Director of Technology</b> <i>Women in Science UWO</i>	August 2023 – May 2025 London, ON
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- 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

<b>Circuit Sync</b>	<i>Frontend Link - Backend Link</i>
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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.

<b>Sky Courier</b>	<i>GitHub Link</i>
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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.

<b>Superhero Database</b>	<i>GitHub Link</i>
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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**.