

Jeremy Poulin

☎ 780-907-0089 | ✉ jeremypoulin197@gmail.com | 🌐 jeremypoulin.com | 💻 [in/jeremy-poulin](https://in.jeremy-poulin) | 🐙 github.com/jeremypoulin

Skills

Languages: Java, C/C++, JavaScript, Python, GDScript, TypeScript, HTML/CSS, MySQL
Developer Tools: React, Git, JUCE, JFrame, VS Code, Eclipse, Godot, STM32CubeIDE, cmath
Soft Skills: Group work, Team leadership, Client relations, Communication

Projects

- Portfolio Website** | *React, JavaScript, TypeScript, HTML/CSS*, Jan 2025
- Strengthened previous JavaScript knowledge by building a **Single Page Application** from the ground up.
 - Researched and implemented various libraries such as React Router to accelerate the project timeline
 - Used CSS to style components and create a user-friendly interface
- Library Noise Monitor** | *Embedded Systems, STM32, Git, Design Demonstration* Sep 2024 – Nov 2024
- Designed solution to excessive noise in libraries using an STM32 to monitor noise levels within **5dB** of accuracy
 - Interfaced microphone and output warning LEDs to signal high noise levels
 - Utilized Git and gave a presentation on the device's design and functionality
- 2D Video Game** | *Java, Eclipse, Raspberry Pi* Aug 2023 – Dec 2023
- Designed and developed a role-playing video game using Java and JFrame library with Eclipse
 - Made all creative assets for the game including text file tile maps, music, sound effects and pixel art
 - Created 2 dedicated hardware devices with an integrated Raspberry Pi, battery, screen and custom-designed casing
- FPV Drone Design/Build** | *Soldering, Multimeter, Project Management, Cost Efficiency* Mar 2021 – Dec 2023
- Soldered battery leads and connections between the flight controller, ESCs and other components
 - Ensured the device met government weight/registration regulations, while achieving speeds over **100km/h**
 - Implemented disarm and smoke-stopper mechanisms to enhance safety

Extra-Curriculars

- International Level Athlete** 2015 – Current
- Canoe/Kayak*
- Qualified for and competed in the ICF Junior Marathon **World Championships** in 2022 and 2023
 - Balance intense training with high-achieving academics and a social life
 - Compete as a varsity athlete for the University of Waterloo Nordic Ski Team

Work Experience

- Program Coordinator and Coach** May 2024 – August 2024
- Mississauga Canoe Club* *Mississauga, ON*
- Scheduled practices, created training plans and organized boat transport for the Masters and Youth programs
 - Coached children (8-13) and adults (25-65) in training and competition in the sport of Sprint Canoe/Kayak
 - Collaborated with co-workers and obtained the responsibility of locking up the canoe club at night
- Sales Associate (Full Time)** August 2023 – April 2024
- St. Albert Source for Sports* *St. Albert, AB*
- Ran a cash register, handling financial transactions and customer inquiries
 - Handled customer-service related tasks such as phone calls, custom orders and team orders
 - Co-operated with other store locations to ship equipment to stores with more demand

Education

- University of Waterloo** Sep 2024 – April 2029
- Bachelor of Applied Science in Computer Engineering* *Waterloo, ON*
- President's Scholarship of Distinction
 - Schulich Leader Entrepreneurial-Minded STEM Scholarship Nominee