

EDUCATION

- **McGill University** Montreal, QC
B.A. Computer Science; Minor in Japanese Language; GPA: 3.78 *Sept 2021 – Present*

EXPERIENCE

- **McGill University - School of Computer Science** Montreal, QC
Teaching Assistant - COMP302: Programming Languages and Paradigms *Jan 2025 – April 2025*
 - Worked alongside 8 Masters and PhD students in the same role. I was one of two Undergraduate Students offered the position.
 - **Tutorials and Support:** Designed and taught six tutorial sessions for a 30-student class on topics in functional programming, written in OCaml. Held weekly office hours to assist students with course content.
 - **Course Content:** Programming language theory, type checking, functional and logic programming.*Teaching Assistant - COMP206: Introduction to Software Systems* *Sept 2024 – Dec 2024*
 - **Leadership:** Lead invigilation of a 600+ student midterm exam in the absence of the professor due to illness, managing the entire exam process from start to finish
 - **Responsibilities:** In weekly office hours, helped with debugging C and Bash code, clarify course content. Regularly answered content and logistics questions on the class discussion board. Assisted with Exam grading
 - **Course Content:** Programming in C, developmental tools, and Git.
- **Step Forward Health Society** Vancouver, BC
Communications Coordinator *Summer 2024*
 - **Social Media Strategist:** Created a year long social media strategy plan and produced content in preparation for a fundraising campaign that raised over \$100 000 CAD to fund mental health support in Vancouver's Lower Mainland
 - **Community Liaison:** Fostered relationships with local businesses on behalf of SFHS to increase support for our annual Fall Fundraising Gala. I also arranged with the president of the Delta Pride Society to have SFHS attend Delta's Pride Parade to increase reach to the local LGBTQ+ community.
- **Birdman the Welder** Vancouver, BC
Shop Assistant *Summer 2024 & Summer 2025*
 - **Custom Fabrication:** Working directly with designers, engineers, and construction companies to fabricate things such as furniture, industrial parts and custom built-in kitchens out of aluminum, steel, stainless, and brass
 - **Metalworking:** TIG welding steel, finishing metal surfaces, and machining custom parts.

PROJECTS AND EXTRACURRICULARS

- **Pottery:** I operate a small business selling my handmade ceramics. I do wholesale orders for local retailers, sell direct to consumer at farmers markets and internationally online.
- **Call-By-Push-Value Research Project:** A research project where my partner and I implemented a simple typechecker and evaluator for a language defined using Call-By-Push-Value Semantics
- **Extension of Howe's Method:** A research project where my team and I mechanized inductive and coinductive proofs in the Beluga proof assistant.
- **McGill Baja Racing Team:** International Inter-University design competition. I assist with the manufacturing of the frame.
- **Intramural Volleyball:** Manager and Co-Captain of a recreational volleyball team since 2023. Organizing attendance to games and weekly practices.

SKILLS AND INTERESTS

- **Programming Languages:** OCaml, Python, C, Java, JavaScript, Bash, Agda, Beluga
- **Tools:** Git, Arduino, Blender, L^AT_EX, TIG Welder, Potter's wheel (Ceramics)
- **Languages:** English - Fluent, French - Conversational, Japanese - Conversational