

James Gohl

james8hg@gmail.com | (226) 600-5887 | linkedin.com/in/jamesgohl | github.com/jamesgohl

Education

Bachelor of Engineering | Software Engineering, Co-op Option
Carleton University | Ottawa, Ontario

Graduating: May 2028
CGPA: 11.45/12 (A)

- Second year standing
- Faculty Scholarship (\$4000 annually), 2023-2024 Dean's Honour List

Skills

Programming Languages: Java, Python, C

Tools & Technologies: VS Code, Raspberry Pi, GitHub, Wing IDE, Arduino, ChatGPT, Microsoft Copilot, Logisim

Professional Skills: Teamwork, Time-Management, Organization, Customer Service, Problem-Solving

Applied Projects

Data Management and Programming Final Project

Mar 2024

- Applied Python programming techniques learned in the course including function writing, user input, error handling and file reading to design a text-based character loader that processes a CSV of character attributes
- Used Matplotlib and NumPy libraries to output character data visualizations, for generating equations and for graphing

Text-Based Restaurant Simulator

Jan 2022

- Applied object-oriented programming techniques to build Java classes and objects as the foundation for a text-based restaurant ordering system enhancing technical proficiency in file I/O, modular function design and comprehensive code documentation throughout the project
- Conducted extensive testing and debugging of the program to identify potential software and user issues, implementing effective error handling to ensure a smooth user experience

Experience

Recreation Leader | Harcourt Park – Harcourt, Ontario

June 2022 – Sept 2023

- Managed and organized the summer recreation program for a private park with over 500 cottages allowing members to socialize, get active and engage with their community
- Supervised and coordinated over 30 volunteers for events with up to 300 attendees, ensuring smooth execution of activities such as Canada Day BBQs, bingos, kids' camps and charity fundraisers
- Increased the variety of recreational offerings including weekly guided trail walks and sunset kayaks, while overseeing member led initiatives, resulting in increased participation and member satisfaction

Ski Instructor | Big White Ski Resort – Kelowna, British Columbia

Nov 2022 – Apr 2023

- Planned and delivered engaging and safe lessons to participants of all ages and abilities in both English and French to ensure customer satisfaction while improving skiing skills
- Organized events as a member of the social committee for the nearly 200 Big White Ski and Board School employees increasing the overall satisfaction of employees
- Strengthened communication skills by interacting with a diverse global clientele, providing lesson feedback to parents, and by resolving conflicts both on and off the slopes

Volunteer and Extracurricular Activities

Varsity Swimmer | Carleton University Swim Team

Sept 2023 - Present

- Committed to training 15 hours a week as a full time student while maintaining an 11.45/12 (A) CGPA

EngFrosh Facilitator | Carleton University

Sept 2024

- Facilitated events for the 2024 Carleton University engineering student orientation week, creating a welcoming environment for new students to learn about the school and the Carleton engineering community