

GALI POLYAK

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EDUCATION

Bachelor of Computing, Computer Science (Co-op) | Minor in Business

Sep 2022 – Apr 2027

University of Guelph, Guelph, ON

84 GPA (4.0 scale)

College of Engineering & Physical Sciences Dean's Honours List (F22,W23,F23,W24) (80%+ average)

Relevant Coursework: Intermediate Programming , Object Oriented Programming, Data Structures.

TECHNICAL SKILLS

Programming Languages: Python, C/C++, Go, JavaScript, R, SQL, TypeScript

Frameworks: React, GraphQL, Node.js, Flask, Django

Task Management: Git, Docker, Bazel, Google Cloud Platform, VS Code, Amazon Web Services, Jenkins

EXPERIENCE

Bell

May 2024 - present

Backend Developer Co-op (8 month)

- Worked on the Cornerstone Refinement team by developing back-end features in Go and assisting with database migration. Tested features with Postman and tracked progress with Jira, ensuring a smooth transition.
- Employed Agile development frameworks to manage and streamline project workflows, ensuring timely and efficient completion of tasks.
- Collaborated with another intern on a side project to compare two databases, monitor discrepancies, and automate email notifications. I used a back-end go-routine to read SQL queries and a REST API to pass data to the GUI, enhancing data accuracy and operational efficiency.

PROJECTS

Full-Stack Pool Game | C, Python, SQLite, HTML

 Apr 2024


- Developed a pool game that combines a C-based physics engine with Python server-side scripting and SQLite3 database storage, providing an immersive and interactive gaming experience.

Minesweeper Game | C#, XNA framework

 April 2023

- Developed a Minesweeper game using Object-Oriented Programming principles, featuring graphics sourced from Google. Offers various difficulty levels along with animations and sound effects.

Portfolio Website | HTML, CSS, JavaScript

 Jan 2024

- Created a dynamic portfolio website highlighting my co-op experiences and my personal growth journey as a software developer.

EXTRACURRICULARS

Google Developer Student Club | GDSC

Sep 2022 – Present

- Spearheaded marketing strategies as GDSC's Marketing Manager, boosting club visibility and significantly increasing membership and workshop engagement.
- Co-hosted and organized a Firebase workshop, focusing on user authentication and database management, significantly enhancing participants' skills and interest.

Guelph Women In Computer Science | GWICS

Sep 2022 – Present

- Multiple leadership roles, including vice-president and marketing manager (40 members, \$5k annual budget).
- Organized the "Go CODE Girl" event to promote coding for Grade 7 - 12 girls. Planned and adapted the curriculum to cater to younger students, facilitating a seamless transition and engaging learning experience.