Owen Gretzinger

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Education 🎓

📅 Sep 2021 - Apr 2025 (expected)
Bachelor of Computer Science
McMaster University
- **GPA: 4.0/4.0** (awarded Provost's Honour Roll Medal twice for attaining **A+ in all courses to date**).
- Includes courses on data structures & algorithms, software development, and databases.

Work Experience 💼

📅 May 2023 - Aug 2023
Developer Co-op
Arctic Wolf
- Took a primary role in the Agile development of an internal Chrome extension using **JavaScript**, improving incident triage efficiency for **150+** security engineers.
- **Won the quarterly team recognition award** as part of the 6-member "Fast Track" team, standing out among 484 people in R&D for exceptional team performance in terms of speed, quality, and innovation.

📅 May 2022 - Aug 2022, Jul 2021 - Aug 2021
Program Leader
Camp Mini-Yo-We
- Planned and delivered quality experiences (games, skits, live music, etc.) to 60-100 children (2022) or 6-12 families (2021) each week which developed leadership, collaboration, and creativity skills.
- Scheduled and organized other staff members.

Skills ⭐

Programming	**Python**, **Typescript**, **JavaScript**, Java, C#, HTML, CSS, SQL, C, Elm, Haskell
Technologies	Jira, Confluence, UML, Design Patterns, SDLC, AWS, Latex, Unity Game Engine, Git, Linux
Soft Skills	Work Ethic, Communication, Leadership, Time Management, Teamwork

Projects </>

🔗 Personal Website
Personal Project
Developed website using React, Tailwind CSS, and Next.js, featuring a responsive design and fluid animations. (Additional projects and project details can be viewed on the website!)

🔗 Mattaus Gretzinger Website
Personal Project
Designed and built a website for a professional jazz musician using React, Tailwind CSS, Next.js, and Decap CMS.

🔗 Education Data for Change
Hackathon & Personal Project
Collaborated with team members to create a website that offers insights into the Ontario education system using HTML, CSS, JavaScript, Python and SQL.

🔗 Server Insights
Hackathon & Personal Project
Achieved **first place** in a hackathon of 44 participants by developing a discord bot which analyzes messages and produces various graphs using Python and MatPlotLib.

Leadership Experience 👥

📅 Oct 2022 - Present
Year Representative
McMaster Computer Science Society
- Facilitate effective communication between the computer science student body and university officials, increasing student satisfaction.
- Collaborate with society members to plan and execute engaging events.

📅 Sep 2021 - Present, Sep 2017 - Jun 2021
Youth Leader
Church on the Rock, Chartwell Church
- Leader on team running weekly youth programs for 20 to 30 participants which includes running games, planning special events, and mentoring participants.