

Owen Gretzinger

 owengretzinger.com
 owengretzinger@gmail.com
 in.owengretzinger
 [owengretzinger](https://github.com/owengretzinger)
 +1 (289) 681-9925

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

 Sep 2023 - Present

Teaching Assistant McMaster University

- Lead labs for 25+ third year software engineering students, which includes **providing technical expertise on data structures & algorithms** and giving feedback on evaluations (course code SFWRENG 3XB3).

 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.

 Aug 2023, May 2022 - Aug 2022, Jul 2021 - Aug 2021

Program Leader Camp Mini-Yo-We

- **Led and managed a team of 26 people** in running a staff appreciation week for **200+** people (2023).
- Planned and delivered quality experiences (games, skits, live music, etc.) to 500+ children (2022) and 60+ families (2021) total, which included organizing other staff members, problem solving to resolve guest issues, and conflict resolution within teams I was part of.

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!)

Jazz Musician 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.

Binary0101

School Project

Designed and implemented a web app using Elm that teaches the basics of binary while following design principles.

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+ participants which includes running games, planning special events, and mentoring participants.