





# Owen Gretzinger

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## Education

 Sep 2021 - Apr 2025 (expected)

### Bachelor of Computer Science McMaster University

- **GPA: 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

- Take on a variety of projects and responsibilities in an **Agile** environment as a member of the 5-person "Fast Track" team.
  - Develop features for an internally used chrome extension using JavaScript, allowing hundreds of security engineers to triage customer incidents more efficiently.
- **Won the team recognition award** given to one team in R&D (600 people) each quarter in recognition of outstanding 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, Java, C#, JavaScript, HTML, CSS, SQL, C, Elm, Haskell

**Technologies** UML, Design Patterns, Jira, SDLC, 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!)

### 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 20-30 participants which includes running games, planning special events, and mentoring participants.