


Owen Gretzinger

 owengretzinger.com
 owengretzinger@gmail.com
 [in/owengretzinger](https://in.owengretzinger)
 [owengretzinger](https://github.com/owengretzinger)

Computer Science Student

Third year computer science co-op student passionate about full stack development with significant experience in React. Hard worker evidenced by a 4.0/4.0 GPA, with strong communication skills and an eagerness to learn.

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**).

Work Experience

 Sep 2023 - Present

Teaching Assistant McMaster University

- Leading labs for 42 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

- Became the main contributor to the development of an internal Chrome extension using **JavaScript**, improving incident triage efficiency for 150+ security engineers.
 - Implemented and worked with Webpack extensively, resulting in reduced development time and more efficient, bundled code.
 - Redesigned the extension's UI which was received with overwhelmingly positive feedback.
 - Implemented a digital experience platform (FullStory) to acquire usage analytics.
- **Received 8 recognitions** for reasons including "hard work", "keeping code secure", "dedication", being a "great addition to the team", and "working through head scratching items".

 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).
- Worked on teams to create quality experiences for 500+ children (2022) and 60+ families (2021) total, which included organizing other staff, adapting to unexpected situations, and using creativity to problem solve issues.

Projects

[Personal Website](#)

Personal Project

Developed a website using React, Tailwind CSS, and NextJS, 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, NextJS, 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

Created a web app using Elm that teaches the basics of binary, while following design principles.

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.

Skills

Languages Python, Typescript, JavaScript, Java, C#, HTML, CSS, SQL, C, Elm, Haskell

Technologies NodeJS, Git, Jira, Confluence, Linux, Amazon Web Services (AWS), Agile Development, SDLC

Soft Skills Work Ethic, Communication, Leadership, Time Management, Teamwork