# Owen Gretzinger

🌐 **owengretzinger.com**
✉ **owengretzinger@gmail.com**
in **in/owengretzinger**
○ **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 analysts.
- Implemented Webpack and worked with **Node.js** extensively, resulting in reduced development time and more efficient, bundled code.
- Redesigned the Chrome extension's UI which was received with overwhelmingly positive feedback.
- Implemented FullStory (a digital experience platform) using its **REST API** to acquire usage analytics and other information crucial in deciding development priorities.

📅 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 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**
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** | **Node.js**, **Git**, **Jira**, **Confluence**, Linux, Amazon Web Services (AWS), Agile Development, SDLC |
| **Soft Skills** | Work Ethic, Communication, Leadership, Time Management, Teamwork |