

Skyler Ma

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PERSONAL WEBSITE: <https://skylerma.com>

GITHUB: [@sky46](#)

EDUCATION

Merivale High School

Expected June 2025

- Currently a Grade 11 student
- Silver Medal awarded in Grade 9 and 10 (90% or higher average), expected in Grade 11
- Active participation in CEMC math and computing competitions

HarvardX Free Courses

July 2020 – Feb. 2023

CS50's Introduction to Computer Science, CS50's Introduction to Web Programming

- Certificates available upon request

EXPERIENCE

FPSwap

June 2022 – Present

Full-Stack Developer

- Designed and programmed a website to help family physicians coordinate and manage patients who are moving elsewhere in the province using Django and Vue.js. (<https://sky46.pythonanywhere.com/>)
 - Currently being tested by family doctors in Ontario
- Final Project for CS50's Intro to Web Programming

Manotick Place Retirement Home

May 2022 – Present

Volunteer Performer

- Played guitar and sang for residents of retirement home
- Talked with and entertained residents in between songs

Revera Prince of Wales Retirement Home 2023

May 2022 – July

Volunteer Performer

- Played music for and talked with residents

Ottawa Bluesfest

July 2023

Volunteer Fundraiser

- Solicited raffle ticket sales from attendees throughout festival grounds
- Operated card machine for payment, distributed physical raffle tickets
- Provided information and directions when asked

Virtual Ventures (UCarleton) Summer Camps

July 2023

Volunteer Camp Group Assistant

- Supported adult counsellors with supervising, assisting, teaching, and entertaining children aged 8-11 during programming projects and outdoor activity time
- Gathered, organized, and prepared materials prior to activities

UOttawa Summer Camps

July 2022

Volunteer Camp Group Assistant

- Helped adult counsellors with children aged 4-7

SKILLS, INTERESTS, OTHER EXPERIENCE

- **Programming Languages:**
 - Comfortable with: Python, HTML, CSS
 - Experience with: JavaScript, PHP, SQL, C, C++, Scratch
- **Programming Libraries/Frameworks:** Django, Vue.js, Bootstrap, discord.py, Jekyll, Laravel, Laravel Orchid
- **UWaterloo Math & Computing Contests:**
 - 67/75 on 2022 CCC (Canadian Computing Competition) Junior
 - Certificate of Distinction (top 25%)
 - 60/75 on 2023 CCC Junior
 - Certificate of Distinction (top 25%)
 - 138/150 on 2022 Pascal
 - School Champion
 - 43/60 on 2023 CIMC
- **Leadership:**
 - Elected as Merivale Student Council Grade 9 Rep, Grade 10 Rep
 - Elected as Merivale 2023-25 Senior Student Senator, representing the school at a board-wide level
 - Elected 2022-2023 Tech Officer of Rideau Students' Union
- **Extracurriculars:**
 - Played guitar in Nepean All-City Lab Band and Merivale Jazz Band
 - Played guitar in 2023-24 Merivale Pit Band and 2022-23 Cappies Orchestra
 - Merivale Ultimate Team
 - Merivale Computer Science Club
 - Merivale Mock Trial Club
 - Leitrim Hawks minor hockey
- **Other:**
 - WHMIS certified
 - Ontario Worker Health and Safety Awareness certified

REFERENCES: Available upon request.