

# Skyler Ma

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**Personal Website:** <https://skylerma.com>

**GitHub:** [@sky46](#)

## EDUCATION

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### Merivale High School

Expected June 2025

- Currently a Grade 10 student
- Silver Medal in Grade 9 (90% or higher average)
- 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

## PROJECTS

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### FPSwap

June 2022 – Present

*Sole Full-Stack Developer*

- A website to help Ontario family physicians coordinate and manage patients who are moving elsewhere in the province, created using Django and Vue.js. (<https://sky46.pythonanywhere.com/>)
  - Currently being by a family doctor in Ottawa
- Final Project for CS50 Web

### skybot

May 2021 – Aug. 2021

*Sole Developer*

- Discord bot for my private server, used by myself and my friends, created using discord.py.
  - Features include a currency system, COVID statistics, meme generators
  - Not currently being hosted due to the deprecation of Heroku's free tier
- Final Project for CS50x (Intro to CS)

## SKILLS, INTERESTS, OTHER EXPERIENCE

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- **Languages:**
  - Proficient in: Python, HTML, CSS
  - Experience with: JavaScript, SQL, C, C++, Scratch
- **Libraries/Frameworks:** Django, Vue.js, Bootstrap, discord.py, Jekyll
- **Math & Computing Contests:** 67/75 on 2022 CCC (Canadian Computing Competition) Junior, 60/75 on 2023 CCC Junior, 138/150 on 2022 Pascal, 43/60 on 2023 CIMC
- **Leadership:** Elected as one of two Grade 9 representatives on Merivale Student Council, re-elected as one of two Grade 10 representatives, elected Tech Officer of Rideau Students' Union
- **Interests:** Guitar & music (Nepean All-City Jazz Band and Merivale Jazz Band), reading, video games, hockey, tennis, ultimate frisbee
- **Volunteering:** UOttawa summer camp, music at two retirement homes