

PETER WU

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EDUCATION

McMaster University, Hamilton, ON, Canada
Bachelor of Applied Science in Computer Science

Sept.2023 — Current
Cumulative GPA: 3.98/4.00 (11.89/12.00)

PROJECTS

BrewChat

Jul.2024— Jul.2024

Tools: [Python (Flask), HTML, Javascript, AI]

- Developed an interview interpreter that helped users prepare for job positions during career coffee chats.
- Implemented a database to save and categorize the recording of the chats.
- Created API calls that interface with AssemblyAi to analyze users' conversations to provide key takeaways and summaries.

War Of Pets

Feb.2024— Apr.2024

Tools: [Elm, stabl.rocks]

- Developed a local multiplayer game in stabl.rocks with Elm, utilizing functional programming to enhance performance.
- Created a custom physics engine for realistic projectile trajectories and engaging object interactions.
- Designed an accessible UI that improves eye-hand coordination with intuitive controls for players with motor skill challenges.

AWARDS

The Faculty of Engineering Award of Excellence

Hamilton, ON

McMaster University's award to celebrate the academic achievement of students entering Level 1 with admission averages in the top 10% in the Faculty of Engineering.

Dec.2023

Canadian Computing Competition (CCC) Distinction Award

Waterloo, ON

Scoring in the top 25% of all competitors.

Mar.2023

Dean's Honour List

Hamilton, ON

An academic award given to students who achieve a minimum average of 9.5 on the last 30 units assessed.

Apr.2024

AP Scholar with Distinction Award

An award granted to students who received an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams.

2023

AP Scholar with Honor Award

An award granted to students who received an average score of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more of these exams.

2022

OTHER EXPERIENCES

Youth Study Group Tutor

Saskatoon Open Door Society, Saskatoon, SK

Volunteer

Sept.2022 — Jun.2023

Tutored high school students for academic problems as a grade 12 volunteer mentor in subjects of math, physics, and computer science.

SKILLS

- **Programming Languages:** Python, Java, C, HTML CSS, R, Swift, Elm, ARM assembly
- **Developer Tools:** XCode, stabl.rocks, Rstudio