# PETER WU

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## Education

**McMaster University**                                                                                          **Sep. 2023 – Apr. 2027 (Expected)**
*Bachelor of Applied Science in Computer Science CO-OP*                                                  *Hamilton, Ontario*

GPA: 3.98 / 4.00 (11.89/12.00)

## Relevant Coursework

- Data Structures and Algorithms
- Computer Architecture
- Software Development
- Database
- Machine Learning

## Projects

**Interactive Game** | *Elm, stabl.rocks*                                                                                           **March 2024**
- Developed a muti-players interactive game using McMaster Elm complier stabl.rocks as a course project
- Implemented object launch with real-life-simulating physics, and various front-end items.
- Designed an accessible UI that improves eye-hand coordination with intuitive controls and engaging character animations in the game.

**Recursion Visualizer** | *Elm, stabl.rocks*                                                                                    **January 2024**
- Created a visualizer for recursive shape, Koch Curve from first to fifth iteration.
- Implemented detailed animation between each iteration for comprehensibility of the shape.

**BrewChat** | *Python (Flask), HTML&CSS, MySQL*                                                                       **October 2020**
- Developed software that summarizes interviews during career coffee chats with two days at the hackathon.
- Implemented a database to save and categorize the recording of the chats.

## Awards

**The Faculty of Engineering Award of Excellence**
- 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.                                                              December 2023

**Canadian Computing Competition (CCC) Distinction Award**
- Scoring in the top 25% of all competitors.                                                                                     March 2023

**Dean's Honour List**
- An academic award given to students who achieve a minimum average of 9.5 on the last 30 units assessed.     April 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

## Technical Skills

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

## Extracurricular

**Youth Study Group Tutor**                                                                                          **Sept.2022 - Jun.2023**
*Volunteer*                                                                                          *Saskatoon Open Door Society, Saskatoon, SK*
- Tutored high school students for academic problems as a grade 12 volunteer mentor in subjects of math, physics, and computer science.