

Shike(Mike) Chen

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Programming Skills:

- Java, python, C, JavaScript, HTML, Linux, Octave/matlab
- Verilog HDL, FPGA
- OOP, Machine learning

Education:

McMaster University, Hamilton, ON

Sep 2021- April 2026

2nd year Bachelor of Software Engineering and management, Dean's Honor List

First year GPA: 3.75/4.0

Relevant Courses:

- Object Oriented programming with Java (A+)
- Logic gate design
- Bash/Linux and C (A)

Side project and experiences:

- BorderHack: designed a python program to visualize data from a json file.
 - Implement OOP concepts to increase the computability of data from json to python
 - Implement python modules matplotlib for visualization
 - Implement Numpy modules for data processing
- Machine learning Side project:
 - Implement polynomial regression on python using Numpy
 - Implement visualization using matplotlib
- Collision Simulation Project
 - Implemented OOP concept in building the simulation environment
 - Simulation is implemented in JS
 - Version also available in Python in 3D
 - user can add spheres into the interface
- Personal website
 - Implemented using HTML and CSS
 - Demonstrate strong time management skills, finishing above projects despite heavy schoolwork
- ENG1P13 class projects
 - single handedly finished all software related works
 - Strong communication skills
 - Highly responsible on assignments and works given
 - Fast at implementation new skills into project
 - Great leadership and management skill
 - Proficient in CAD tools such as Autodesk Inventor