

Wentao Sun

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github.com/Franksun6666

<https://franksun6666.github.io/>

HIGHLIGHTS OF QUALIFICATIONS

- Currently enrolled in level 2 of the 4-year Honours Computer Science co-op program also minoring in Finance at McMaster University
- Fluent in English and Mandarin.
- Strong analytical, problem solving, and teamwork skills established through course work and project work.
- High level of communication and organizational skills developed during participation in Hackathons.

EDUCATION

Bachelor of Applied Science, Honours Computer Science

Class of 2025

McMaster University, Hamilton, ON

- Achieved a cumulative GPA of **3.95** on a 4.0 scale
- Awarded the McMaster entrance scholarship worth \$3000 for achieving an average over 95% in high school
- Awarded the Dean's Honours List (achieving an overall GPA of 9.5 or higher) and Provost's Honour Roll (achieving an overall GPA of 12(4.0) in all courses) in 2022

Core Courses:

- Algorithms & Data Structure
- Discrete Math for CompSci
- Microeconomics/Macroeconomics
- Computer Architecture
- Intro to Web Programming
- Intro to Software Development
- Engineering Calculus
- Intro to Financial Accounting
- Databases

SKILLS

Languages:

- Python
- C
- Java
- Haskell
- Elm
- Latex
- Arm Assembly

Databases:

- IBM Db2

Tools:

- Bash script
- Git
- UML

Certifications:

- WHMIS

Projects

NASA Space Apps Hackthon Participant

2021

- Demonstrated how space-borne, airborne, and ground-based remote sensing data can be combined with data collected by UAVs to improve the timeliness and quality of urban-related indicators, support sustainable urban development, and enable tangible improvements to the quality of people's lives in cities and local communities by developing more sustainable, disaster-risk resilient and inclusive urban plans.
- Searched and organized data.
- Inspected code and debugged by developing test cases.

[Demo Doc](#) [Github Repo](#)

Tank Game

2022

- Created a tank game with a gui using pygame in python. User can control the tank using arrowkeys and shoot the bullet using space on the keyboard to destroy enemy tanks and win the game.

[Tank Game](#)

CS1XD3-Math Visualizer

2022

- Created a math visualizer (linear algebra visualizer) using elm and design thinking.
- Collaborated within a group, each member assigned a job within a time period. Communicated efficiently through Teams.
- Conducted multiple interviews with students, teachers, asked for their feeling and using experience on this visualizer and added/ deleted features based on these results.

[Math Visualizer](#) (including DT worksheet, video presentation and the visualizer link itself in a .txt file.)

Connect4

2022

- Designed a Connect4 game using java and OOP principles(encapsulation, inheritance, and polymorphism).
- Introduced an AI player which imitates the human player with winning strategies in hand.

[Connect4 Game](#)

Experiences

Cook and Dish Washer

2022

McMaster Hospitality Services, Hamilton, ON

- Prepared for breakfast, lunch and dinner ahead of time on each shift.
- Communicated and assisted customers with their orders and special requests.
- Communicated and cooperated with my colleagues to optimize workflow during a high wave of customers.
- Washed dishes and organized each utensils properly.

English Tutor

2019-2021

- Taught TOEFL classes for high school students and tutor them after class. A lot of them got their dream scores eventually.
- Constructed my organization, patience, and communication skills.

VOLUNTEER EXPERIENCE

Fundraiser for orphans through Red Cross Society of China

2019

- Raised 2000 ¥ for kids in the orphanage to help them improved their living conditions.

Beach Cleaner

2019-2020

- Organized classmates and friends during weekends to clean the beach to protect the environment for free.
- Collected all kinds of garbage and recycled them properly.