Eason Li

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Education

University of Waterloo — Waterloo, ON
Honours Computer Science, Co-operative Program — *Aug. 2023 – May 2028*

Related Courses
Math 145/146/147/148, CS 145/136, Phys 121/122, Stat 230

Experience

Volunteer — Jul. 2022 - May. 2023
Friendship Inn — *Saskatoon, SK*

- Dedicated time to volunteer in providing food and support for homeless individuals.
- Actively participated in food service, involving preparation, distribution, and cleanup.
- Collaborated with a team of volunteers to efficiently coordinate food-related activities.

Projects

Flappy Bird Game | *Python, PyGame* — May. 2022 - Jun. 2022

- Utilized class to create and manage pipes generated in the game.
- Used PyGame to run the game smoothly.

Chess Game | *JavaScript, p5.js* — Nov. 2022 - Dec. 2022

- Implemented Object-Oriented Programming using classes for a modular chess game structure.
- Utilized arrow functions to enhance code conciseness and readability.
- Designed an intuitive and visually appealing user interface for an enhanced user experience.

Maze Generator | *JavaScript, p5.js* — Oct. 2022 - Jan. 2023

- Implemented an algorithm that randomly generates a maze using classes and arrays.
- Effectively used arrays for recursive maze generation and checking wall status during object movement.
- Utilized class methods for creating and managing each cell in the maze.

Awards

Euclid Math Contest: 2022 - Group V
CSMC Math Contest: 2022 - Group IV
Fermat Math Contest: 2022 - Group V
Hypatia Math Contest: 2022 - Group V
COMC: 2021 - Saskatchewan Bronze Award
International Student Entrance Scholarship - $10,000 (University of Waterloo)
President's Scholarship of Distinction - $2,000 (University of Waterloo)

Technical Skills

Languages: Python, C, JavaScript, HTML/CSS, SQL, Racket
Frameworks: P5.js, TailwindCSS
Developer Tools: Google Cloud Platform, VS Code, PyCharm
Libraries: pandas, NumPy, SciPy, Matplotlib, JAX, PyTorch, Scikit-Learn, SymPy