

# Eason Li

+1-514-518-1729 | [liiiyuxuan@gmail.com](mailto:liiiyuxuan@gmail.com) | [linkedin.com/in/eason](https://linkedin.com/in/eason) | [github.com/liiiyuxuan](https://github.com/liiiyuxuan)

## EDUCATION

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### University of Waterloo

*Honours Computer Science, Co-operative Program*

Waterloo, ON

*Aug. 2023 – May 2027*

## EXPERIENCE

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### Volunteer

*Friendship Inn*

Jul. 2022 - May. 2023

*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

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### 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 - Nov. 2022

- 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.

### The White Board | *HTML, JavaScript, CSS, Tailwind, MongoDB*

Oct. 2022 - Present

- Online learning platform.
- We are still working on this!

## AWARDS

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**Euclid Math Contest:** 2022 - Group V

**CSMC Math Contest:** 2022 - Group IV

**Fermat Math Contest:** 2022 - Group V

**Hypatia Math Contest:** 2022 - Group V

**ASDAN Amplify Trading:** Gold Award & Bronze Award

**COMC:** 2021 - Saskatchewan Bronze Award

International Student Entrance Scholarship (University of Waterloo)

President's Scholarship of Distinction (University of Waterloo)

## TECHNICAL SKILLS

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**Languages:** Python, C, JavaScript, HTML/CSS, Racket

**Frameworks:** P5.js, TailwindCSS

**Developer Tools:** Git, Google Cloud Platform, VS Code, PyCharm

**Libraries:** pandas, NumPy, SciPy, Matplotlib, JAX, PyTorch, Scikit-Learn, SymPy