

Liao Zhu

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TECHNICAL SKILLS

Languages: Python, JavaScript, C/C++, SQL (Postgres), HTML/CSS, R, DrRacket

Developer Tools: Git, VS Code, Visual Studio, PyCharm

Others: Linux(Ubuntu), Google Cloud Platform

PROJECTS

Game 2048 | *Python, Flask, html, CSS, javascript*

May 2024 – Present

- Developed a full-stack application using with Flask serving a REST API with React as the frontend
- Used Celery and Redis for asynchronous tasks

Personal webpage | *HTML, CSS and Javascript*

April 2024 – Present

- Used HTML, CSS, and JavaScript, showcasing my technical skills and portfolio projects
- Optimized website performance and load times by strategically managing scripts and stylesheets.
- Designed and maintained a clean user interface.
- Focused on usability and aesthetic details.

EXPERIENCE/AWARDS

Computer Science Club

September 2023 – Present

University of Waterloo

Waterloo, ON

- Collaborated with club members on various projects, leveraging teamwork to enhance project outcomes and develop practical problem-solving skills in a dynamic group setting.

Student Union Department President

October 2020 – May 2023

Nanjing No.13 Middle School

JS, China

- Led the organization of school-wide mathematics competitions, enhancing student engagement and fostering a competitive academic environment.
- Served as the Event Coordinator for school sports meetings, managing logistics, scheduling, and team coordination to ensure smooth execution of events.

Chinese Physics Olympiad

May 2019 – July 2019

Nanjing

JS, China

- *Top Prize* in Jiangsu Province, recognizing exceptional knowledge and problem-solving skills in physics among provincial competitors.

LANGUAGE

English | Advanced proficiency

Mandarin | Native level

EDUCATION

University of Waterloo

Waterloo, ON

Bachelor of Mathematics in Computer Science

Sep. 2023 – Present