Lucy Zhao

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GitHub: lz2003 • Website: lz2003.github.io

Skills

Programming: Python, JavaScript, Java, HTML, CSS
Tools: Flask, Git, React, Node.js

Experience

Foundation for Student Science and Technology   July 2020 - Aug 2020
Research Assistant   Remote
- Redesigned website (SEgarage) for software engineering tools with **Bootstrap**, **HTML**, **CSS** and **Flask** to make it more user-friendly
- Collected keywords, tool links and metadata from the ICSE 2020 technical papers to expand SEgarage's database

YRHacks   Oct 2020 - Apr 2021
Event Coordinator   Remote
- Worked in a team to design YRDSB's first high school Hackathon with 300 participants, 10+ partners and over $2,000 in prizes
- Managed communications between event partners, staff and participants, ensuring a smooth experience for all involved

PETCS Club   July 2020 - June 2021
Executive   Remote
- Taught **Python**, **JavaScript**, **HTML** and **CSS** to 50+ students on a weekly basis
- Designed lessons and activities to encourage students to explore different aspects of CS

Projects

React Note Taking App
- Utilized a rich text editor for taking, saving, deleting and editing notes
- Implemented with **React** hooks and material-ui for styling
- Designed to be convenient for users to take notes while having the flexibility of styling text

Productivity Fishing
- Developed in a team of 2 for Hack the North 2020++
- Chrome Extension with a customizable Pomodoro timer and fish collecting system
- Created to encourage users to take breaks and promote healthy living
- Made with **Chrome Extension API**, **JavaScript**, **HTML** and **CSS**

Phaser 3 Platformer
- Fun platformer where players collect coins, avoid enemies and try to reach the end
- Utilized **Node.js**, **Express.js** and Heroku to deploy the game online

Education

University of Waterloo   Sept 2021 - Present
Candidate for Honours Bachelor of Computer Science, 2026   Waterloo, ON
Cumulative Average: 88.6%