

Lucy Zhao

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 lz2003 • [lz2003.github.io](https://github.com/lz2003)

Skills

Programming: Python, JavaScript, Java, HTML, CSS

Tools: Flask, Git, React, Node.js

Experience

FSST - Research Assistant

July 2020-Aug 2020

Remote (Online)

- Redesigned website ([SEgarage](#)) for software engineering tools with **Bootstrap**, **HTML**, **CSS** and **Flask** to make it more user-friendly
- Collected keywords, tool links and other data from the ICSE 2020 technical papers to add to the website's database

YRHacks - Event Coordinator

Oct 2020-Apr 2021

Remote (Online)

- 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, teacher staff and participants, ensuring a smooth experience for all involved

PETCS Club - Executive

July 2020-June 2021

Remote (Online)

- Taught **Python**, **JavaScript**, **HTML** and **CSS** to students on a weekly basis
- Designed lessons, activities and projects 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 a convenient for users to take notes while also 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

Candidate for Bachelor's of Computer Science, 2026

Sept 2021-Present

Waterloo, ON