

# Zihe Zhang

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## Experience

### Full Stack Developer | Rivvi

May 2020 - Aug 2020 | Toronto, ON

- Designed and developed an online ordering platform UI from ground up using Figma and React
- Authored a sign-up form using React, Redux and Google Sheets API for new clients. Deployed through AWS Amplify Console
- Established SQL database and Node API to host and process data
- Increased the search engine results from page 4 to number 1 by developing meta tags, schema markups and adding relevant links to the site

### Administrative Assistant | Manying Consulting

May 2019 - Aug 2019 | Toronto, ON

- Edited AutoCAD drawings per engineer markup
- Prepared, updated, and organised engineering and administration files such as transmittals and comment response sheets
- Verified, updated, and corrected documentation prior to sending to clients
- Coordinated business expense records and generated reports

### Vice President | Thornhill Election Committee

May 2018 - Jun 2019 | Thornhill, ON

- Built and introduced an online voting system through Google forms and Google sheets, decreasing time to process votes by 6 hours
- Led a team of 18 individuals to run annual school body election with 1200+ attendees
- Managed applications, meetings, and workshops for electoral candidates

## Education

### University of Waterloo

Bachelor of Applied Science in Computer Engineering,  
September 2019 - April 2024 (Expected)

## Skills

**Development:** Java, C++, Python, HTML, CSS, JavaScript, React, Node, SQL, VHDL

**Tools:** Git, AutoCAD, Figma, MS Excel, MS Publisher, Photoshop

## Projects

### Sudoku Solver - August 2020

Python

- Built a backtracking algorithm that efficiently solves puzzles of varied difficulty
- Utilised pygame library to construct sudoku GUI

### Personal Website - Nov 2019

HTML, CSS, JavaScript

- Designed and built an interactive personal website containing portfolio of skills and interests using HTML, CSS, and JavaScript

### Mario Poker - Jul 2019

Java, Photoshop

- Created a simplified Mario themed poker game using Java, and object-oriented programming
- Designed custom game sprites with Photoshop

### Student Connect - Jun 2019

HTML, CSS

- Developed a tool that connects students, teachers, and tutors, to help educators better succeed in classes
- Used HTML and CSS to make a smooth, and easy to use user interface