RAYMOND ZHANG

Software Engineering ✉ r465zhan@uwaterloo.ca ☎ 416-317-2218 ▭ raymondzhang.me ⬤ SlowestLoris

TECHNICAL SKILLS

Languages: C, C++, Java, HTML/CSS, JavaScript, Python
Tools/Frameworks: Node.js, MySQL, SQLite, Git, MS Office, UNIX

RELEVANT EXPERIENCE

Website Maintainer and Developer   Sep 2019 - May 2020
Thornhill Secondary School
- Worked with a team of students to develop the website tssoj.ca, powered by DMOJ
- Maintained an educational platform used by hundreds of students and teachers
- Created programming problems used for lessons and as practice for competitions

President of Computer Science Club   Sep 2018 - May 2020
Thornhill Secondary School
- Arranged school-wide events including hackathons, programming competitions and promotions
- Tutored students on Object-Oriented principles in Java and C++ and for programming competitions
- Organized weekly lessons for Math and Computer Science coursework

PROJECTS

Cannon Drone   Sep 2020 - Dec 2020
C, Arduino, MPU6050
- Assembled a drone, including wiring electronic speed controllers, motors, Arduino and a gyroscope/accelerometer
- Collaborated with a team of 5 to integrate and complete project

Election Automation   Oct 2019 - Nov 2019
JavaScript, Google Apps Script
- Automated the high school election process for major leadership positions
- Designed a script to automatically create a questionnaire with Google Forms, store votes in Google Sheets, and calculate the results of the election using JavaScript and Google Apps Script
- Performed integration testing to resolve issues leading to a successful election

Bump!   Jun 2018 - Sep 2019
JavaScript, SQLite, Node.js
- Designed a promotional application to help grow servers built on the Discord platform
- Grew application to be utilized by over 2500 servers
- Stored user and server data with SQLite data storage and JSON

Plants vs Zombies   Jun 2018 - Sep 2019
Java
- Recreated Plants vs Zombies using Java Swing, complete with sounds and animations

EDUCATION

University of Waterloo
Candidate for Bachelor of Software Engineering
Sep 2020 – Apr 2025 (Projected) | GPA: 4.0 | Term Dean's Honours List