

Renkui (Gary) Ye

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Summary of Qualifications

- 3 years of object-oriented-programing experience in Java and C++
- Experience with fundamental abstract data structures
- Familiar with web development

Technical Skills

- *Languages:* Java, C++, Javascript, Python, HTML, CSS
- *Libraries:* React, JavaFX
- *Other:* Git

Education

University of Waterloo

- Bachelor of Applied Science Candidate (Expected 2024)
- Currently 1B Electrical Engineering

Projects

ttc_predictions

- Constructed a bus predictor web app using HTML, CSS, Javascript, the Nextbus API, and Google Maps API to allow users to view bus arrival times and vehicle locations in a single webpage.
- Features live ETAs and interactive map that displays bus routes and live bus locations
- <http://ttc.raygye.ga>

Hush

- C++ application that generates a key and encodes a message using one-time-pad encryption
- UI created using OpenGL Library

Work Experience

Pro Line Pool & Spa Services

Toronto, ON

Lifeguard

2018-2019

Only supervisor of around 25 patrons, handling public relations and ensuring a safe environment

- Performed maintenance on pool as necessary (vacuuming, skimming, daily filter/pump maintenance)

Interests

- Badminton (high school and provincial competition)
- Mechanical Keyboards
- Blockchain