



# SAMUEL LIU

Computer Engineering  
University of Waterloo

## CONTACT INFO

UWaterloo ID: 20827270  
Email: s632liu@uwaterloo.ca  
Phone: (416) 880 - 2978  
Github: github.com/Repapt

## SKILLS

### Languages:

Java, Python, C++, C#, HTML,  
CSS, JavaScript

### Frameworks/Libraries:

ReactJS, Flask, PostgreSQL,  
MySQL, JavaFX, Java Swing

### Tools:

version control (Git, Perforce),  
scripting (Bash, Powershell),  
Jira, JMeter, Jenkins

### Other:

Unity, REST APIs, Adobe  
Creative Suite, Microsoft Office,  
technical document writing

## WORK EXPERIENCE

### QA SPECIALIST

OpenText | September 2020 - December 2020

- Assisted in the implementation of a testing environment using Jenkins, JMeter, and Hyper-V virtual machines
- Developed a program to evaluate JMeter test results using T-Tests and statistical analysis

### SOFTWARE DEVELOPER

Geotab Inc | January 2020 - April 2020

- Wrote API endpoints using Python Flask and PostgreSQL
- Created tests and reviewed the work of other members of my team, ensuring quality of code
- Spearheaded development of internal web page for data entry using React JS, creating a responsive UI

### SWIM INSTRUCTOR/LIFEGUARD

City of Toronto | January 2017 - March 2019

- Worked with a team of lifeguards to maintain pool safety through clear communication, leadership, and teamwork
- Principally responsible for managing public relations of the pool and communicating with patrons

## PROJECTS

### THE FALLEN TEMPLAR

C#, Unity | December 2020 - Present

- Developed a top-down video game inspired by Star Wars
- Wrote modular code and algorithms for procedurally generated dungeons

### PERSONAL WEBSITE

ReactJS, Photoshop | February 2020 - April 2020

- Created a personal website to showcase my skills and experience

## INTERESTS/HOBBIES

High school Ukulele Band leader; organized and lead a group of over 20 students to learn and perform ukulele songs

Interests include guitar, swimming, rugby, music, board games, video game design, and Marvel movies.