Tommy Huang

Computer Science Student
University of Waterloo

github.com/tommyhuang-dev
tommyhuang.net
(647) 609-7078
t98huang@uwaterloo.ca

Summary of Qualifications

- Utilized C, Python, Bash, TypeScript, and Java for a variety of projects and scripts
- Created websites using Angular, Bootstrap, and Firebase
- Experienced with Git, Vim, Jenkins, JMeter, and Arduino
- Proficient at using Windows and Linux, including from command line

Experience

(Performance Developer Co-op) NCR

- Wrote a Python script to collect and format data about servers, processes, and services from Dynatrace, through its API
- Created Jenkins jobs to automatically run warmup tests, index databases, and analyze results
- Improved a debugging script that searches through all Kubernetes logs and looks for a keywords

Projects

Virtrolio (Angular, Bootstrap, Firebase) May 2020 – August 2020

- Helped create https://virtrolio.web.app/, a website that allows users to privately sign each other's yearbooks when they were unable to physically do so due to social distancing restrictions
- The website uses Angular and Bootstrap for the frontend, and Firebase for the backend

Virtual-Q (NativeScript) July 2020

- Created frontend for an app that would allow users to virtually check in and wait in lines outside grocery stores and provide an estimated wait time, minimizing physical contact with other customers

Shape Defense (Python, Pygame) August 2018 – January 2020

- Used Pygame, a module for Python, to create a game where players can build, upgrade, and construct mazes to defend themselves from enemies
- Developed from scratch pathfinding algorithms, graphical user interfaces, and functions to read and store information about maps and entities

Employee Management System (Java) April 2018 – June 2018

- Created a program to add, edit, remove, and save employees to a hash table, following object-oriented programming principles
- Designed an intuitive graphic user interface, with the ability to change the style and look of the program

Education

University of Waterloo Candidate for Bachelor of Computer Science (expected 2024)

1st year term average: 92.4% (GPA 3.98)
Student ID: 20831367