

Skills

Coding Proficiency

Rust
C/C++
C#
Typescript/Javascript
Python
Java
SQL

Leadership

Owner-Operator with
Student Works Window
Cleaning and director of two
musical theatre productions

Communication

Public speaking and inter-
personal communication
from residence don role and
involvement in theatre

Sales Training

Professional sales and
marketing experience
through position with
Student Works

Languages

Bilingual in English and
French

Work Experience

Software Engineer

Uken Games

2020

- Developed for Armoury & Machine 2 with Unity Engine for iOS and Android
- Implemented advertisement caching strategy that saw ad revenue per user double
- Collaborated with designers to implement new features and refactor old features for improved performance and usability

Game Systems Programmer

Behaviour Interactive

2020

- Developed for Dead By Daylight with Unreal Engine on PC, PS4, and Switch
- Wrote backend Node.js REST API functionality in Typescript
- Collaborated with designers, developers, and leads to design features and updates to game infrastructure

Instructional Support Assistant

University of Waterloo

2019

- Supported instructors and over 300 students enrolled in CS 246
- Taught over 30 hours of tutorials on Object-Oriented C++ development
- Wrote and maintained Bash and Python scripts to facilitate management of course resources and software

Analyst Programmer

CAE

2018

- Developed system to manage personal storage units at the company for over 2000 employees
- Designed and built a web application for the Health and Safety department to manage over 100 projects
- Planned major web platform to reshape how communication occurs between the sales and engineering departments

Awards and Distinctions

Lieutenant-Governor's Youth Medal – Hon. Pierre Duchesne

2015

Swati Sharma Prize for Computer Science – Royal West Academy

2016

Student Life Award – Conrad Grebel University College

2017

President's Scholarship for Academic Achievement – University of Waterloo

2017

Term Dean's Honours List – University of Waterloo

2020

Activities and Interests

Music

Classical Trumpet
Baritone Voice
Classical Piano

Theatre

Shakespearean Theatre
Musical Theatre
Community Theatre

Sports

Karate (Wado Ryu)
Dodgeball (Captain)
Cross Country Running

Coding

Vim Clone in C++
Open Source Contributor
Ship Attack game in Java