

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

Infrastructure Engineer

2021

Voiceflow

- Automated common developer tasks using CI/CD tooling (GitHub Actions and CircleCI)
- Implemented CLI tools to streamline development and deployment workflows
- Investigated and documented novel tooling and approaches to optimize processes

Software Developer

2021

1Password

- Developed for the 1Password browser extension in Rust and Typescript (React)
- Triaged and fixed issues affecting the extension on all major browser platforms
- Built new extension features in collaboration with the browser development team

Software Engineer

2020

Uken Games

- Developed for Armoury & Machine 2 with Unity Engine for iOS and Android
- Implemented advertisement caching strategy that resulted in a 64% increase in ad revenue per user
- Collaborated with designers to implement new user-facing features and tooling

Game Systems Programmer

2020

Behaviour Interactive

- Developed for Dead By Daylight with Unreal Engine on PC, PS4, and Switch
- Wrote backend Node.js REST API functionality in Typescript

Instructional Support Assistant

2019

University of Waterloo

- 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

2018

CAE

- Developed system to manage personal storage units at the company for over 2000 employees
- Built a web application for the Health and Safety department to manage over 100 projects

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