JOSHUA RAMPERSAD

COMPUTER SCIENCE, UNIVERSITY OF WATERLOO

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514 - 297 - 2368

Skills

Coding Proficiency

Rust

C/C++

C#

Typescript/Javascript

Python

Java

SQL

Leadership

Owner-Operator with Student Works Window Cleaning and director of two muscial 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 Developer
1Password
2021

- 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
Uken Games
2020

- 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
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
- Built a web application for the Health and Safety department to manage over 100 projects
- Designed web-based system to reshape communication between the sales and engineering departments

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Awards and Distinctions

Student Life Award – Conrad Grebel University College	2017
Swati Sharma Prize for Computer Science – Royal West Academy	2016
Lieutenant-Governor's Youth Medal – Hon. Pierre Duchesne	2015

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