

# JOSHUA RAMPERSAD

COMPUTER SCIENCE, UNIVERSITY OF WATERLOO

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## Skills

### Coding Proficiency

C/C++  
Bash Scripting  
Java  
HTML/CSS  
Javascript  
PHP  
SQL

### Management

Franchisee with first Student Works Window Cleaning initiative in Quebec

### Communication

Public speaking and communication experience through involvement in theatre

### Sales Training

Professional sales and marketing experience through work with Student Works

### Languages

Bilingual in English and French

## Work Experience

### 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

### Owner - Operator

Student Works Window Cleaning

2017

- Marketed through door-to-door cold calls, flyers, and online ads to accumulate over 100 clients
- Applied sales training to sell over \$30 000 window and gutter cleaning services
- Interviewed, hired, and trained marketing team and production teams

## Education

### University of Waterloo

Candidate for Bachelors of Computer Science, Honours  
Minoring in Music

2017-Current

### Cégep Vanier College

Computer Science and Mathematics Program

2016-2017

## Awards and Distinctions

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

2015

President's Scholarship for Academic Achievement – University of Waterloo

2017

Swati Sharma Prize for Computer Science – Royal West Academy

2016

## 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++  
A\* Pathfinding in Python  
Ship Attack game in Java