

## EDUCATION

### Ryerson University

BSc Computer Science (Co-op)

Expected Graduation: May 2020

cGPA 3.79/4.33

Faculty of Science Dean's List

2015-2016

## SUMMARY

I am a dedicated and hard working computer science honours student aspiring to write good software that makes a difference. I'm also trilingual!

## SKILLS

**PROGRAMMING LANGUAGES:** Java, C, Python, Bash/Shell, Haskell, HTML/CSS

**SOFTWARE/FRAMEWORKS:** Git, Linux, macOS, Microsoft Office, LaTeX, Bootstrap

## PROJECTS

### MATRIXOPS

Implementation of a basic calculator for performing operations on matrices. Operations include multiplication, addition, and adjoint. Storage of matrix data is done using one-dimensional Array List objects. Uses Java's Swing and Event packages for the GUI.

### MAZE NAVIGATOR

C command-line program that solves text-based mazes from stdin. Uses a queue struct to navigate valid adjacent elements until the end node is found. Follows the path backwards to return the shortest possible path. Coursework for Data Structures and Algorithms.

### VEHICLES

Graphical Java simulation of Linked List and Queue data structures. Uses a train engine and trailers to represent a Linked List with a header node, and a column of boxes to represent a Queue. Implements some methods through the use of menus (e.g. addFirst()), and others through the use of overlapping rectangles (e.g. add()). Coursework for Computer Science II.

### IMAGE PROCESSOR

Java application that receives an image as input, and applies certain effects to the image using a kernel. Effects include edge detection, black and white, blur, sharpen, and monochrome. Coursework for Computer Science I.

## RELEVANT COURSES

Data Structures and Algorithms  
Comparative Programming Languages  
Introduction to Operating Systems  
Introduction to Software Engineering  
Introduction to C and Unix  
Computer Organization I & II  
Web Developer Bootcamp (Udemy Course)

## WORK EXPERIENCE

**MILESTONES RESTAURANTS · Server/Bartender**  
10 Dundas St E

May 2015 to Dec 2015

**HOUSE OF MOMENTS RESTAURANT · Server/Bartender**  
386 Carlaw Ave, Toronto

Nov 2012 to Jan 2015