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## EDUCATION

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Ryerson University  
Bachelor of Science in Computer Science (Co-op)  
Minor in Mathematics  
Expected Graduation: May 2020  
cGPA 3.83/4.33

## SKILLS AND AWARDS

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**PROGRAMMING LANGUAGES:** Java, C, Python, Bash/Shell, JavaScript, HTML/CSS  
**SOFTWARE/Frameworks:** Git, Linux, macOS, IntelliJ IDE, LaTeX, Bootstrap, Scrapy, IBM Websphere Application Server  
**SPOKEN LANGUAGES:** English, Russian, Azerbaijani  
**AWARDS:** Faculty of Science Dean's List 2015-2017

## EMPLOYMENT

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University of Toronto  
Junior Programmer (Batch Conversion) · May 2017 to Current  
Working in an agile team, contribute to a large project to migrate the Repository Of Student Information (ROSI) from an IBM Mainframe to a distributed Linux platform running IBM WebSphere and DB2 RDBMS.  
Responsibilities include:  
- Implementing Java code to handle the execution of various batch jobs on IBM WebSphere  
- Supplying XML files that describe the given jobs and steps in the Job Specification Language  
- Using a REST client to submit batch job requests for testing.

## EXPERIENCE

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HN Scraper  
Uses Python and Scrapy library to pull article titles and links from HackerNews. Stores all relevant information in a new JSON file daily. Intended to be used for storing articles for later reading when pre-requisite knowledge is missing. Work in progress.

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 data structure to navigate valid adjacent elements until the end node is found. Follows the path backwards to return the shortest possible path. Coursework.

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.

Vehicle Data Structures  
Uses Java's Swing package to visualize Linked List and Queue data structures. Implementation of both data structures and corresponding methods. Functions can be called using selection and appropriate menus, or overlapping "hitboxes". Coursework.

## RELEVANT COURSES

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