NARIMAN SAFTARLI

SOFTWARE DEVELOPER

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EDUCATION

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

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

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
- Conversion of mainframe JCL to Job Specification Language coded in XML
- Using a REST client to submit batch job requests for testing.

EXPERIENCE

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

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)