

Murtadha Nisyif

http://www.mnisyif.com

Email : mnisyif@gmail.com

Mobile : +1 (519) 502-8463

Summary

- Utilized **system calls in UNIX systems** when implementing hardware simulations with C
- Completed courses in Algorithm Analysis and Data Structures to solve complex problems
- Applied **advanced Object Oriented Programming concepts** to deliver game projects developed in **JAVA**
- Explored ways to utilize **TensorFlow, Keras and pyTorch** for car image classification problems

Work Experience

Kitchener Downtown Community Health Centre - SRHC

July 2020 – Oct 2020

Information Technology Analyst

Kitchener, Ontario

- Work with tight budget and short deadlines for equipment upgrades
- Improved networking and phone systems by adding new features and infrastructure
- Boosted information sharing by enhancing interfaces between computer systems
- Saved \$5,000 by implementing cost-saving initiatives that addressed long-standing problems

Apple Express

May 2019 – Dec 2019

Medical/Package Courier

Mississauga, Ontario

- Developed strong sense of most efficient routes to avoid traffic and construction on local roads and highways
- Developed strong interpersonal and communication skills from interacting professionally with all stakeholders including dispatchers, upper management and peers

Projects

Image Processor | *Python, Jupyter Notebook*

April 2022

- Developed an algorithm that takes a picture of a Bar-Volumetric readout and translate it to a numerical value

Memory Management Simulator | *C, VS Code*

March 2022

- Created a simulation program that simulates First fit, Best fit, Worst fit, and Next fit memory management algorithms

Lights Out | *Java, VS Code*

March 2020

- Implemented the game, Lights Out, with the capability of providing possible solution at any given time

uOttaHack | *Java, Android Studio*

Feb 2019

- Worked with a group to deliver an app that reads user's input off a keyboard that is printed on a piece of paper

Technical Skills

Languages:	Python, Java, C, JavaScript
Software:	VS Code, pyCharm, Matlab
Frameworks:	Linux, Anaconda, GitHub, Jupyter Lab
Relevant Courses:	Data Structures, Discrete Structures, Operating Systems, Algorithm Analysis, Modeling Systems

Education

University of Guelph

Sep. 2019 – May 2023

Bachelor of Engineering in Electrical and Computer Engineering

Guelph, Ontario

Extracurricular

First Robotics Competition

Winter 2017, Winter 2018

Team Member

2702 Rebels

Skills Ontario Competition

Spring 2018

Team Member

Eastwood Collegiate Institute