

# KYROLLOUS NASSIF

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## EDUCATION

### University of Ottawa

Sep. 2020 – May 2025

Candidate for Bachelor of Applied Science, Software Engineering - BAsC.

Ottawa, Ontario

- Relevant Courses: Introduction to Computing, Digital Systems

## EXPERIENCE

### Sales Associate

Sept. 2018 – Sept. 2020

Canadian Tire

Richmond Hill, ON

- Aided in completing customers' purchases, **locating items and answering questions about products** and drove many clients to **join reward programs** to promote loyalty, satisfaction and **increase sales numbers**.
- Reviewed and resolved differences between accounting information and cash drawer.
- Restocked, arranged and organized merchandise in front lanes and aisles lifting **up to 90lbs**, driving product sales up **5-10% above** corporate average.
- Processed **POS transactions**, including cheques, cash and credit purchases, credit/debit card purchases and refunds.

### Team Member

Jan. 2018 – Sep. 2018

Harvey's

Richmond Hill, ON

- Prepared and handled **up to 15** customer orders at once in the kitchen and front.
- Applied teamwork skills to complete orders as **fast and as efficiently** as possible.

## PROJECTS

### Covid Security - Hack The North | Python

Jan. 2021

- Utilized **OpenCV's integrated facial recognition algorithms** to detect and deliver photo of a human face to a **TensorFlow machine learning model** trained to determine if the individual was wearing a face mask.
- Implemented Python micro web framework **Flask** to submit photo taken by a Raspberry Pi 3B with the OpenCV software to a Desktop PC to process and return result, allowing for **maximum portability and speed**.
- Success rate of **96.8% based off of approximately 5000** trials with camera and online photos, of which there were **no false positives**.

### Eco sim | Java OOP

Feb. 2019

- Constructed a test generation software that utilized **object oriented principles** to provide teachers with an efficient way to store questions and customize tests.
- Applied **software design process**, data structures, algorithms, API and Git version control.

### Prom Planner | Java OOP

Jan. 2020

- Utilizes **object oriented principles** and data searching to place individuals in optimal locations according to preferences in a large venue.
- Applied **software design process**, **data structures**, **algorithms** and version control (GitHub) to efficiently build project

## TECHNICAL SKILLS

**Languages:** Java, HTML, CSS, JavaScript, Python, LaTeX

**Tools:** VS Code, Eclipse, Git Version Control,

## EXTRACURRICULAR

Hack The North - 2021, Google Developer Student Club