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**
- Developed a **test generation software** that utilized **object oriented principles** to simulate an ecosystem from beginning to end while visually displaying objects interacting in real time
- Allows for user interaction to determine original quantity of different objects.

Prom Planner | *Java OOP*   **Jan. 2020**
- Utilizes **object oriented programming principles** to appropriately characterize different objects in a venue.
- Implemented custom **data searching and sorting algorithms** to selectively place individuals in **most optimal** seats possible in a large venue of the users choice.

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