Maya Murad

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Summary of Skills and Qualifications

- Experienced in Python, Java, C++, C, C#, SQL, JavaScript, PHP, CSS, HTML.
- Exceptional debugging and analytical skills, as well as a strong understanding of object-oriented design, data structures and algorithms.
- Development experience in Linux, Windows, and OSX.
- Effective collaborator, communicator, and independent contributor.
- Proficiency in learning and experimenting with novel concepts.
- Fluent in English (native) and French (French Immersion Certificate).

Education

2015–Present **Bachelor of Science, *Western University*, London, Ontario**

- *Honours Specialization in Computer Science (expected graduation April 2021)*
- *Minor in Game Development*
- *Dean's Honour List 2019-2020*

Relevant Projects

- **Game-identifier [**Python/Keras**]:** An image classification model that identifies a video game given a screenshot. Using the 40,000 screenshots that I programmatically gathered for training and evaluation, the model achieved 99.4% accuracy at classifying 4 video games.
- **Colour-shift [**Python/OpenCV**]:** A computer vision application which colourizes an image using the dominant colours of another image. The results allow users to explore colour palettes through a creative lens.
- **Maze-runner [**C#/Unity**]:** Implemented camera and player control systems, leaderboards, menus, a key and door system, and designed a complex maze for the player to traverse.
- **Store-manager [**MySQL/PHP/JavaScript/CSS**]:** Designed and implemented a back-end database to store customer and product information along with a front-end to interact with the database.
- **FileManager** [C++]: Implemented a command line file manager that can perform various functions within a file system, including removing files, moving files, listing details about files, and printing contents of a file to the terminal.
- **Bus Route App** [React]: In collaboration with my HCI course group, we are currently re-implementing the London Transit bus route app in order to apply correct HCI fundamentals.

Work Experience

May–Aug
2018, 2019 **Daycare Assistant, Thornhill Woods Daycare, Thornhill, Ontario**

- Managed the company's public website by clearly presenting relevant content to enhance the daycare's communications.
- Collaborated with teachers, coordinated activities and supervised children aged 0–5 to create a safe and engaging environment.

May–Aug 2019 **Event Assistant, Toronto Food Stations, Toronto, Ontario**

- Independently managed hospitality at various corporate events through efficient planning and operations, coordination with chefs, and courteous and professional customer service.