# FRANCIS AYYAD

SCARBOROUGH, ONTARIO

416-893-1741 | FRANCIS.AYYAD@MAIL.UTORONTO.CA

## SUMMARY OF QUALIFICATIONS

- Knowledge in Python, C, Java, Assembly, PHP, HTML, JS and hardware and software design utilized to create programs in an academic and personal context.
- Proficient in web development using the Laravel Framework, demonstrated through successful projects at the University of Toronto Scarborough's Information and Instructional Technology Services Department, where technical expertise and strong problem-solving abilities contributed to the effective completion of various projects.
- Profound understanding of computer hardware and processors through the completion of a university course on computer organization.
- Excellent organizational and multitasking skills demonstrated through a great record of academic success.
- Great experience in adapting to different work environments achieved through numerous volunteer and internship experiences in many different sectors.

## WORK EXPERIENCE

**Web Developer,** University of Toronto – Scarborough, Ontario                    January 2023 - Ongoing
- Developed and maintained two key applications, Teacher Assistant and Transfer Credit, using PHP and the Laravel Framework.
- Implemented a new feature called "Batch Applications" for the Teacher Assistant application, streamlining the application process, and improving efficiency.
- Successfully upgraded both applications' frameworks from Laravel 6 to 9, ensuring optimal performance and compatibility with the latest technologies.

**Summer Intern**, Bank El Etihad – Amman, Jordan                    June 2020 – July 2020
- Streamlined the operational workflows at the IT department help desk.
- Played an active role in linking the IT help desk to the core banking system.
- Contributed to the creation of the IT help desk's Key Performance Indicators.

## EDUCATION

Honors Bachelor of Science (Coop)                    2021-2025
University of Toronto Scarborough, Scarborough, ON.
- Computer Science Co-op (Software Engineering Stream)
- Cumulative GPA: 3.2/4
- Awards: University of Toronto Entrance Scholarship

## PROJECTS

**Car Racer**                    **August 2022**
- Designed and developed a fully functioning car racer game with numerous features using Assembly.

**Music Sequencer**                    **May 2022**
- Implemented the data storage component of a mini music sequencer while allowing the user to manipulate musical notes using binary search trees.

**Movie Database**                    **December 2021**
- Crafted a database that collects, designs, and stores movies using linked lists.
- Allowed users to search, insert and delete movies while creating extra functionality to enhance user experience.

**Engineering Project Leader**                    **Fall 2020 – Spring 2021**
- Successfully lead two separate teams in the completion and delivery of two engineering projects: the creation of a spring powered car and a fingerprint door lock.
- Identified and utilized all required project management tools and resources to plan and deliver projects on time and within scope.