

Assil Azim

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EDUCATION

York University

Expected Feb 2024

Bachelor of Science in Computer Science [Honours Major]

Toronto, ON

- Vice President of Student Support Application Development Council
- Executive of York CSHub
- Dean's Honour Roll (2019-2022)

WORK EXPERIENCE

Signify

Jan. 2023 – Present

Software Engineer Intern

Mississauga, ON

- Developing and supporting enterprise application features of world-leading light technologies in a large team-based environment using **Java** and **Linux**
- QA testing of main network and database, ensuring systems and new technologies are functional and meet client needs, utilizing VMware, PostgreSQL
- Creating bash scripts to expedite and automate development process
- Optimizing ease-of-use and speed of JSF front end used in conjunction with **CSS**, **HTML** and **JQuery**

STL Trucking

May 2021 – Sept. 2021

IT/Database Manager

Bolton, ON

- Created stable database to control import and export loads to increase efficiency
- Coded logical and physical database descriptions and queries
- Tested programs and databases to identify issues and make necessary modifications

Wing Machine

Jan. 2017 – Dec. 2021

Restaurant Manager

Toronto, ON

- Worked on development of online order software and UI increasing customer online orders and experience
- Ensured store was run efficiently, hitting sales caps and developing leadership skills

PROJECTS

Sealy Bot

- Discord chatbot developed with 20+ features acting as a centralized hub (e.g. return Google search queries, Reddit posts, Twitter feeds). Created with **Java**, **MySQL**, **Docker**, and various APIs

Three Musketeers Game

- Carried out a medium-sized development project based on the famous video game Three Musketeers, through software requirements to **Java** implementation. Leading to further insight into **object oriented programming**, **design patterns**, **polymorphism**, **inheritance**, **composition**, **dependency inversion**, and **single responsibility principal**

MyShoppingCart

- Developed a **Java GUI Maven** project for grocery stores using the **Model-View-Controller** model. Allowing better shopping experience for customers, better organization and inventory/location management for managers/admins. **Junit** test cases implemented to ensure reliable functionality, **JaCoCo** was used to measure and ensure high overall code coverage for test cases

SKILLS & INTERESTS

Languages: Java, JavaScript, Python, HTML, CSS, SQL, Fortran, Shell Script

Tools & Frameworks: Git, PostgreSQL, MySQL, Docker, MongoDB, Angular, TailwindCSS, Junit, JQuery, Spring, Maven