

# Assil Azim

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## EDUCATION

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### 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

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### Signify

Jan. 2023 – Present

*Software Engineer Intern*

Mississauga, ON

- Collaborated in a large team to design, develop, and maintain scalable enterprise application features for world-leading light technologies using **Java** and **Linux**; followed **Agile** methodologies and conducted code reviews
- Performed comprehensive QA testing on new features to ensure optimal functionality and meet client requirements.
- Developed and implemented Bash scripts to automate and streamline the development process, improving efficiency.
- Independently optimized user experience and performance of existing legacy product by designing and implementing full-stack components using **HTML**, **JSP**, **JSPF**, **CSS**, **JavaScript**, and **PostgreSQL**; conducted usability testing, and adhered to best practices to ensure code quality, maintainability, and scalability across the full stack.
- Designed, implemented, and maintained essential databases for daily operations, deploying them to various sites; developed data models, optimized performance, implemented data security and integrated with other systems

### 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

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### 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

- Medium-sized development project based on 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

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

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