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*
- 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

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

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