

# Hussein Saab

647-528-7842 | [hussein.saab@torontomu.ca](mailto:hussein.saab@torontomu.ca) | [linkedin.com/in/huss-saab/](https://www.linkedin.com/in/huss-saab/) | [github.com/husaab](https://github.com/husaab)

## EDUCATION

### Toronto Metropolitan University

*Bachelor of Arts in Computer Science, Co-op*

- Faculty of Science Deans List 2022 – Present

Toronto, Ontario

Sep 2022 – Apr 2027

## EXPERIENCE

### Backend and Automation Developer Intern

*IBM*

- Backend development at IBM using Java, Kotlin, Swift to develop supply chain solutions for Fortune 500 Companies

May 2024 – Present

Toronto, ON

### Software Engineer Intern

*Untitled Developers*

- Collaborated with an multidisciplinary team of developers, designers, and project managers to conceptualize, develop and maintain Flutter applications used by over 5000+ users, to deliver client needs
- Developed robust PHP and Laravel backend systems, driving efficient data processing, server-side operations, and RESTful API integrations, resulting in a significant reduction in application response times
- Applied expertise in JavaScript, HTML, and CSS to craft captivating and highly responsive user interfaces for web applications, improving user visits by 30%
- Played a pivotal role in the identification and resolution of complex bugs and issues across the codebase, ensuring the delivery of 6 polished, bug-free software products

May 2023 – Sep 2024

Toronto, ON

### Leader

*Canada Scouts*

- Currently serving as a scouts leader, every Friday evening, leading and supervising a group of over 30+ children ranging from 8-11 years old; planning and organizing weekly activities, including games, crafts, and outdoor adventures, that are engaging and age-appropriate for the scouts group
- Organized and hosted 20+ camping events, sport tournaments and educational lessons, preparing scouters to become future leaders by encouraging community engagement; planned and executed these events from start to finish, including logistics and effectively communicating with scouts' parents, participants and vendors
- Routinely encountered unique challenges while planning and executing activities as a leader. Employed innovative problem-solving techniques to adapt and ensure successful outcomes, fostering an environment of adaptability and resilience among scouts

May 2019 – Present

Toronto, ON

## PROJECTS

### Music Store Application | *Java*

April 2023

- Developed a comprehensive text-based music store application using Java, offering users an immersive and simulated music shopping experience.
- Implemented object-oriented programming principles, including encapsulation, inheritance and polymorphism to create a robust, modular and maintainable codebase
- Utilized HashMaps, Collections, Interface and Exception Handling to implement a wide range of features such as music genre categorization, artist information retrieval, transaction processing and more

### Real-time COVID Data Visualization | *JavaScript, ReactJS, HTML, CSS*

Sep 2023

- Developed a dynamic data visualization application using React JS, JavaScript, D3 Library, HTML, and CSS to provide real-time COVID-19 statistics from a database covering 100+ countries
- Designed and implemented an interactive dashboard that allows users to select specific COVID-19 data (e.g., cases, deaths, recoveries) from a dropdown menu and view real-time information
- Utilized external data sources to ensure that the displayed COVID-19 statistics are continuously updated, providing users with the latest information

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL, Bash, JavaScript, HTML/CSS,

**Frameworks:** Flutter, React, Node.js, Flask, Tailwind, MongoDB

**Developer Tools:** Git, Docker, AWS, JUNIT, Jenkins, Visual Studio