





# Husam Kassab

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## SKILLS

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**Languages:** JavaScript, PHP, Python, HTML, CSS, SQL, Java, C

**Frameworks/Technologies:** Laravel, Git, MySQL, NodeJS, React, Tailwind CSS, JUnit, NPM, Oracle, Linux

## RELEVANT PROJECTS

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**TMusic** (tmusic.dev)

December 2023

- Developed a music social-media app for students to connect through music by utilizing **Google OAuth**, **Spotify API**, and **Pusher APIs** to enable real-time updates.
- Built back-end routes and secure server-side database in **PHP** using frameworks such as **Laravel** and libraries like **socialite** and **livewire**.
- Expertly implemented the front-end architecture using **Tailwind CSS** & **React.js** ensuring a responsive and intuitive user interface.

**Weather System Application**

July 2023

- Developed a dynamic website using **React.js** to fetch and present real-time weather data through **API integration**.
- Increased the website's average loading speed by **30%** through optimization techniques.

**Bookstore Application**

May 2022

- Built a bookstore application that allows the ability to purchase and/or post books using **Java**.
- Achieved an easy-to-use GUI using **JavaFX** and collaborated with a team using **Git**.

**Towers of Hanoi Problem Solver**

February 2022

- Implemented a **C** algorithm on **Linux** to resolve the classic puzzle, using algorithms such as **insertion sort** and **merge sort**.
- Optimized a recursive algorithm by reducing its runtime by **55%** through careful modifications and enhancements.

## EDUCATION

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**Toronto Metropolitan University (Previously Ryerson University)**

**Toronto, ON**

*B.Sc. – Computer Engineering / Software Specialization*

*Sept 2020 - Present*

- Related Coursework: Software Systems, Computer Networks, Database Systems, Data structures and Algorithms, Object Oriented Programming, Software Design and Architecture, Software Requirement Analysis and SPEC

## EXPERIENCE

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**Adidas Canada** | Retail Sales Associate

September 2021 – September 2022

- Provided exceptional customer service to create a positive shopping experience for customers.
- Collaborated with team members to meet store goals and resolve customer concerns promptly.

## LEADERSHIP EXPERIENCE

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**Toronto Metropolitan University (Previously Ryerson) Muslim Student Society**

**Toronto, ON**

*Student Engagement Sub-Committee*

*Sept 2022 – Present*

- Organized multiple events such as basketball games, soccer games, as well as Islamic knowledge events by coordinating with sub-committee members.

**Competitive Programming Club**

**Toronto, ON**

*Toronto Metropolitan University (Previously Ryerson University)*

*April 2022 - Present*

- Competed in weekly competitions, attended technical interview preparations, and helped improve existing projects from other students.