

Education

Dalhousie University

Bachelor of Computer Science, GPA: 3.4/4.0

Halifax, NS

2022 – Present

Co-op Status: Will be available for the second co-op term in **May 2024**

Relevant coursework: Object Oriented Programming, Data structures and Algorithms, Software Engineering, Network Computing, Database Systems, Web developments and design, Design UI/UX, Discrete Mathematics.

Skills

Languages: HTML - CSS - JavaScript - Java - Python - SQL

Technologies/Frameworks: ReactJs - Git - FireBase - JUnit - TCP/IP - HTTP

Developer Tools: Visual Studio code - IntelliJ - Android studio - MySQL - GitHub - GitLab - Figma

Experience

Dalhousie University

Halifax, NS

Technical Service and Technical Assistant

SEPT 2023 – Present

- Managed the Technical Service Desk, enhancing account retrieval and equipment loan processes for students.
- Maintained and updated the ticketing system, accurately documenting and tracking technical issues and their resolutions to optimize the operational efficiency of the Technical Service Desk.
- Assisted students and professors with technical challenges, by ensuring ease of navigation, resulting in an efficient experience.

Immigrant Services Nova Scotia

Halifax, NS

Immigrant Youth Employability Project

Nov 2021 – Jan 2022

- Worked closely with a diverse team to develop and deliver tailored job search strategies for immigrant youth, contributing to their successful integration into the job market.
- Assisted in data collection and analysis, identifying trends and areas for improvement, which subsequently informed program adjustments and enhanced outcomes.
- Demonstrated a strong ability to build trust and rapport with program participants, ensuring they felt supported and motivated in their job search efforts.

Engineeius

Cairo, Egypt

Tutor

April 2019 – July 2019

- Provided comprehensive academic support to a diverse range of students, aged 8-16, fostering their intellectual growth and educational development.
- Collaborated closely with a dynamic team of educators to consistently refine and innovate the curriculum, incorporating the latest educational techniques and best practices to optimize the learning process.

Projects

JobFindr android application | Java, Android Studio, Firebase, GitLab

- Built a responsive app using **Java** on **Android Studio** That connects job seekers with providers.
- Utilized Firebase services to use Realtime Database **API** to implement data storage and retrieval capability
- Coordinated effectively in an **Agile** team of 5 skilled members.

Sorting Visualizer | HTML, CSS, JavaScript

- Implemented using **HTML**, **CSS**, and **JavaScript**, featuring 5 different sorting algorithms
- Implemented the most efficient version of each algorithm for optimized time complexity and performance
- Represented a comparison in Big-O complexities of the algorithms by displaying the number of comparisons.

Farmer application | Java

- Designed and developed Farmer management application using **IntelliJ**, **Java**
- Implemented the most efficient version of each algorithm for optimized time complexity and performance.

Eat Local UI/UX | Figma

- Developed an engaging mobile app interface using **Figma**, emphasizing user-friendly design principles for an optimal user experience.

Course registry website | HTML, CSS, JavaScript

- Implemented a course registry website using **HTML**, **CSS**, and **JavaScript**, providing 6 features.
- Prioritized user-centric design principles to ensure the website's layout and functionality catered to the specific needs of students, enhancing their overall experience.

Guess The Number | Java, Network Programming

- Built a communication game between client and server.