

## PROFILE

Dynamic, self-motivated individual with a natural aptitude for solving problems gained through hands-on experience. Acquired excellent interpersonal skills, enabling a good fit within team environments.

## AREAS OF EXPERTISE

- Teamwork and effective communication
- Rapid Problem Solving
- Java, Python, C, MATLAB
- Linux, Windows
- Virtual Machines

## EDUCATION

**York University, 2020 - present**

Toronto, Ontario

- Software Engineering Major
- Extracurricular: UNHack 2021, MLH Back to Hacking Competition 2021

**High School Diploma, 2020**

Richview Collegiate Institute, Ontario

- Honor Roll, 2017 to 2020
- Sum Cum Laude, 2017 to 2020

## ACTIVITIES

- Restored a classic 1929 Mercedes
- Built a high-performance computer
- Coding as a hobby (Learn, experiment)
- Familiar with full-body tracking

## PROFESSIONAL EXPERIENCE

**Computer Assistant**, Richview Collegiate Institute, Etobicoke, Ontario 2016 - 2017

- Undertook a multifaceted role in setting up and configuring equipment for presentations, concerts, and lectures. Seamlessly collaborated with teachers, delivering high-quality support.

## PROJECT HIGHLIGHTS

**Statistical World Analysis & Visualizer** 2022

- Used Java to create software that allows users to visualize data by using tools such as java swing and World Bank API.

**Portfolio ([khafaji-ahmed.github.io](https://github.com/khafaji-ahmed))** 2022

- Used Javascript to create a portfolio highlighting and showing my experiences and skills as a software engineer

**Music Tableture** 2022

- Used Java to create software that translates and plays music by converting drum, guitar and bass tablature in text format into the musicXML format

**Banking System** 2021

- Used Java to create a system for users with essential functions such as depositing and withdrawing money from an account.

**Automated Watering System** 2020

- Use MATLAB and Java with an Arduino to create an automated system to water plants, and notify users.