

Fardeen Khalid Mazumdar

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Profile

Highly motivated newly graduated Computer Science student from York University focusing on **computer security** and **software development**. Action-oriented individual with a sense of efficient marketing, teamwork, problem-solving and critical thinking skills.

Technical Skills

- **Programming Languages:** RISC-V, Unix, C/C++, Java, JavaScript, HTML, CSS, Verilog, SQL, Python, PHP
- **Tools/Frameworks :** MS Office Suite, Unity Game Engine, Eclipse, Android Studio, Pycharm, Sony Vegas Pro, Bootstrap, React, Selenium, Kali Linux, MongoDB, Unreal Engine

Past Work Experiences

Software Developer | Ministry of Children, Youth & Social Services (Co-Op) October 2021 – April 2022

- *Assisting the Development team under the Children, Youth and Social Services I&IT Cluster on testing the **Child Protection Information Network (CPIN)***
- *Utilizing the **IBM Curam Software** to test/develop CPIN primarily via **Java/Selenium***

Smart Systems Intern | Mackenzie Health (Co-Op) January 2021-April 2021

- *Aiding the rollout of various technical initiatives under ICAT such as **RTLS, Vocera, MyCare** to support patient care at the new Cortellucci Vaughan Hospital, **Canada's first smart hospital**.*
- *Performed rigorous **MRT Testing**, along with assisting in the setup of various **databases**.*

CCTV Operator | York University – Security Services August 2021 – Present

- *Monitoring all the cameras that are available on the Keele/Glendon campuses of York University*
- *Ensuring the best possible security measures take place at all times*

Projects

Movie Review Web Application | Java, Spring Boot, MongoDB, ReactJS, REST

- *Developed with back-end functionality of Java, following the **REST API** methods with the aid of **Spring Boot** and the data being stored on a **MongoDB** database.*
- *Front-end is developed using the **react framework** where it is connected to its back-end functions, along with a smooth user experience.*

Ransomware Implementation | Python

- *Developed with the capability to encrypt different folders using several encryption and decryption methods such as **XOR, AES, RC4, RSA, ECC**.*

Education

York University | Bachelor of Science (Honours), Computer Science Spring 2023

- **Coursework:** Applied Cryptography, User Interfaces, Data Structures, Object Oriented Programming, Introduction to Database Systems, Design and Analysis of Algorithms, Computer Security Laboratory, Data Mining