

Fardeen Khalid Mazumdar

linkedin.com/in/fardeenkhalidmazumdar
github.com/fkm97
fkm97.github.io

fkm97@my.yorku.ca
(416) 893-6101
Toronto, ON M3J3S3

Profile

Highly motivated 4th year Computer Science student at York University focusing on **computer security** and **network infrastructure**. Action-oriented individual with a sense of efficient marketing, teamwork, problem-solving and critical thinking skills.

Education

York University | Bachelor of Science (Honours), Computer Science **Expected Fall 2023**

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

Past Work Experiences

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*

Software Tester | 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**.*

Projects

Discord Bot | Java, Maven

- *All-purpose bot using the **JDA API** with custom implemented commands manipulating app features.*
- ***Thumbnailator API** is also implemented to manipulate images to send back to the user.*

Ransomware Implementation | Python

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

Technical Skills

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