

Fardeen Khalid Mazumdar

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Profile

Highly motivated 4th year Computer Science student at York University seeking a Summer 2022 Co-op position 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

Past Work Experiences

Software Tester | Ministry of Children, Youth & Social Services (**Co-Op**) **September 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***

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**.

Mobile Game Developer Intern | Appnometry Ltd. **August 2017 – December 2017**

- *Providing assistance for one of the few mobile **game developers** in Bangladesh in **Java, Unity game design** along with **Quality assurance***
- *Contributed to several ideas to projects such as **Clean Footpath, Heli Rescue, Paper Plane**, etc. all available on the **Google App Store***

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