

Mahsin Bin Akram

Doctoral Student, Graduate Research Assistant

San Antonio, Texas, United States of America

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Education

University of Texas at San Antonio

Texas, United States of America

PHD. IN COMPUTER SCIENCE

Aug. 2024 - Present

University of Dhaka

Dhaka, Bangladesh

B.SC. IN COMPUTER SCIENCE AND ENGINEERING

Jan. 2016 - Jan. 2020

CGPA: 3.72 / 4.00

Research Experience

Doctoral Research Work

Texas, United States of America

UNIVERSITY OF TEXAS AT SAN ANTONIO

Aug. 2024 - Present

- **Advisor:** Dr. Murtuza Jadliwala

Undergraduate Research Work

Dhaka, Bangladesh

UNIVERSITY OF DHAKA

Jan. 2019 - Dec. 2019

- **Thesis Title:** Analysis of Agent-based & Agent-less Sandboxing for Dynamic Malware Analysis
- **Thesis Area:** Cyber Security
- **Supervisors:** Dr. Syed Faisal Hasan & Dr. Md. Rezaul Karim
- **Published:** ICONCS 2020 2nd International Conference on Cyber Security and Computer Science

Fields of Interest

- Automated Software Testing
- Computer Network Security
- Cryptography
- Artificial Intelligence
- Data Security
- Malware Analysis & Reverse Engineering

Standardized Test Scores

- International English Language Testing System (IELTS)- 15th September, 2022

Listening	Reading	Writing	Speaking	Overall
8.5	9	7	7.5	8

Skills

Programming Languages: Python, Java, Javascript, C++, C#, x86 Assembly, R, PHP
Frameworks: Flask, Django, React, Nightmare JS, Ajax, Android
Databases: MySQL, PostgreSQL, Firebase, MongoDB
Tools: Selenium, Jmeter, Burp suite, Postman, Swagger, Asana, Kibana, Datagrip, Sqlite Studio, Ironwasp, Owasp Zap, VirtualBox
Operating System: Windows, Linux
Others: Algorithms, Data Structures, Software Design Architectures, IoT, Cryptography & Security, Problem Solving, Unit Testing, Git

Work Experience

Integrated Software and Technologies Limited (ISTL)

SOFTWARE QUALITY ASSURANCE ENGINEER II

Dhaka Bangladesh

Sept. 2020 - July 2024

Work Associated Projects

- I have collaborated on projects for multiple government ministries and departments, as well as national law enforcement agencies.
 - **(RCMS) Returnee Case Management System** built for International Organization for Migration (IOM)
 - **(RLFECT MIS) Ready-made garments, Leather and Footwear Export Oriented Industries Cash Transfer Information Management System** built for European Union and Department of Labor
 - **(DTE MIS) Directorate of Technical Education Information Management System** built for Department of Education
 - **(HSP MIS) Harmonized Stipend Program Information Management System** built for Ministry of Education
 - **(IMS) Immigration Management System** built for Special Branch of Bangladesh Police
 - **(SPBMU MIS) Social Protection Budget Management Unit Information Management System** built for Bangladesh Finance Division
 - **(RAB OIVS) On-Site Identification and Verification System** built for RAB
 - **(RAB CDMS) Criminal Database Management System** built for RAB
 - **(RAB MC MIS) Mobile Court Information Management System** built for RAB
 - **(RAB SP MIS) Suspect Profile Information Management System** built for RAB

Extracurricular Activity

2019	Event Volunteer , CODE SAMURAI	University of Dhaka
2018	Event Volunteer , Battle of Brains	University of Dhaka
2018	Research Study Participant , How Computer Programmers Work	Cornell University
2017	Event Participant , Hackathon - Tech for Peace	Preneur Lab
2016	Event Participant , Battle of Brains	University of Dhaka

References

AVAILABLE UPON REQUEST.