

Md. Sadiqul Islam Sakif

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WORK EXPERIENCE

04/2024 – CURRENT Bangladesh
GRADUATE RESEARCH ASSISTANT BRAC UNIVERSITY COMPUTING FOR SUSTAINABILITY AND SOCIAL GOOD (C2SG) LAB

- Collaborating with Assistant Professor Dr. Jannatun Noor Mukta, on ongoing research and projects in cloud computing, cyber security, and machine learning.
 - Creating course materials, conducting scheduled consultations with students, supervising their work, and guiding them in their research endeavors.
 - Collecting and analyzing data, writing reports and papers, and contributing to advancing research objectives.
 - Handled administrative tasks to ensure the smooth operation of research activities.
- Research Interest: Cloud Computing, Cyber Security, Machine Learning, HCI

01/01/2022 – 03/2024 Dhaka, Bangladesh
UNDERGRAD RESEARCH ASSISTANT BRAC UNIVERSITY COMPUTING FOR SUSTAINABILITY AND SOCIAL GOOD (C2SG) LAB

- Collaborating with Assistant Professor Dr. Jannatun Noor Mukta and senior researchers on ongoing research and projects in cloud computing, cyber security, and machine learning.
 - Collecting and analyzing data, writing reports and papers, and guiding students in their thesis.
- Research Interest: Cloud Computing, Cyber Security, Machine Learning, HCI

01/07/2022 – 07/12/2022 Dhaka, Bangladesh
CYBER SECURITY ENGINEER(INTERNSHIP) ENTERPRISE INFOSEC CONSULTANTS

- Security Engineer at Security Operation Center:**
Conducted Vulnerability assessments and penetration testing at these Banks and Companies:
External & Internal Vulnerability Assessment and Penetration Testing:
- Duncan Brothers Bangladesh Ltd(web application) - only external
 - Midland Bank Ltd (web application)
 - Uttara Bank(web application, internal network)
- Blackbox:**
- United Commercial Bank(cloud, API, mobile application)
- Projects:**
- Wireless network penetration testing and vulnerability assessments along with forensics of wireless network.
 - Mobile application for backdoor remote access. -RAT(Remote Access Tool) and Android vulnerability checking.
 - Acunetix API integration with custom web application vulnerability assessment tool
- Training Season:**
- Coordinated a training season with Rajshahi Krishi Unnayon Bank about conducting vulnerability assessments in cloud computing.
 - Conducted a training season on wireless network security and penetration testing at EIC

SKILLS

Technical Skills

- Vulnerability Assessment & Penetration Testing:
Penetration Testing in Web & mobile application, API and Wireless(Tools proficiency: Nessus, Burpsuits, Accunetix, Metasploit, SQLmap, Kiterunner, Drozer)
- Cloud Computing and Server administration:
Linux, Virtualization, OpenStack Cloud, Elasticsearch, Kibana, Docker, Wireshark, Wazuh, Splunk,
- Application Development:
Javascript, SQL, Flutter, Html, CSS

● LANGUAGE SKILLS

Mother tongue(s): **BENGALI**

Other language(s): **ENGLISH**

● EDUCATION AND TRAINING

05/2017 – 12/2023 Dhaka, Bangladesh

BACHELORS IN COMPUTER SCIENCE Brac University

Website bracu.ac.bd | **Field of study** Computer Science | **Thesis** Content Based Image Search optimization in OpenStack Swift

Link <https://ieeexplore.ieee.org/document/10530317>

2014 – 2016 Rajshahi, Bangladesh

HIGHER SCHOOL SECONDARY CERTIFICATE Government City College, Rajshahi

● PROJECTS

Intrusion detecting System using Machine learning

The project aimed to detect network intrusions using machine learning and utilized decision trees and XGBoost classifiers to train the model on labeled data, resulting in accurate detection and categorization of network intrusions.

● SYNERGISTIC ACTIVITIES

02/2023 – CURRENT

Academic Paper Reviewer - IEEE Access , CHI, CSCW

I was invited to review cloud computing, parallel computing, and machine learning papers. Till now I reviewed 9 research articles from IEEE Access. For, CHI 2024, I reviewed 4 papers, and for CSCW 2024 I had an opportunity to review 1 paper.

Link <https://www.webofscience.com/wos/author/record/HMV-2092-2023>

● HONOURS AND AWARDS

2024

The US National Science Foundation Grant – National Science Foundation, US

Write here the description...Grant 2014547 was provided for research work collaborated with the University of South Florida.

● REFERENCES

Dr. Jannatun Noor Mukta

Assistant Professor
Department of Computer Science and Engineering, BRAC University
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Md. Jahangir Alam

Managing Director, QA Pro Limited
Ex-Chief Operating Officer,
Enterprise Infosec Consultant(EIC),
Chair,
Owasp Dhaka(Bangladesh) Chapter
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