Curriculum vitae

PERSONAL INFORMATION

Shakib Izaz Mahmud

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in www.linkedin.com/in/imahmud98

Gender Male | Date of birth 30 November 1998 | Nationality Bangladeshi

EDUCATION

2017–2022   Bachelor of Science in Computer Science

Brac University, Dhaka, Bangladesh
- **CGPA:** 3.15/4.00 (SpanTran Evaluated)
- **Number of credit earned:** 124
- **Thesis & Project:** A Color vision Approach Considering Reflection Coefficient Based on Auto-encoder Techniques Using Deep Neural Networks.

2014–2015   Higher Secondary School Certificate

Dhaka Residential Model College, Dhaka, Bangladesh

2012–2013   Secondary School Certificate

Dhaka Residential Model College, Dhaka, Bangladesh

RESEARCH INTEREST

AI in Cybersecurity, Computer vision, NLP, Object detection, Privacy preserving technologies, IOT Security

RESEARCH EXPERIENCE

Brac University

Thesis & Project: A Color vision Approach Considering Reflection Coefficient Based on Auto-encoder Techniques Using Deep Neural Networks.

We have devised an innovative method for identifying objects and surface elements by utilizing reflection coefficients and diverse data sets. The data was generated in various settings to train a range of computer vision models during our research. Our primary objective is to address the challenge of detecting different surface elements, making this technology applicable across sectors, from security to medical applications. We are actively working on further enhancements and preparing for a conference.

Outcome: 1 conference proceeding

WORK EXPERIENCE

15 Oct 2023 – Present   IT Security Officer, IT Security & Governance

The Premier Bank PLC.
Head Office, Iqbal Centre, 6th Floor, 42 Kemal Ataturk Avenue, Banani, Dhaka - 1213, Bangladesh

- Perform detailed Information Security Risk Assessments of The Premier Bank PLC's information systems, services, applications, and processes to identify potential vulnerabilities.
- Ensuring strict compliance with security standards throughout the bank to safeguard confidential information and data integrity.
- Review and analyze logs from various network devices, systems, databases, and applications to ensure effective monitoring and incident detection.
- Perform information security investigations and provide input on necessary controls to resolve security incidents.
- Support the implementation and follow-up of ICT Security-related internal audits and ensure compliance with regulatory requirements.
- Assist in organizing periodic ICT Security meetings with IT and other departments to address IT risk management, vulnerability assessments, and other security-related issues.
- Contribute to the development, implementation, and periodic review of information security policies, procedures, and guidelines to support a secure business environment.
- Assist in conducting privileged user access reviews bi-annually to ensure secure access management.
- Assist in drafting RFPs for services and solutions related to IT security and governance Division.
- Participate in reviewing the physical security measures of the bank's Data Center (DC) and Disaster Recovery (DR) sites.
- Help coordinate and follow up on Penetration Testing activities to ensure the security of Premier Bank's systems.
- Assist in activities related to Computer Incident Response Team (CIRT) and participate in the yearly BGD-CIRT Cyber Drill competition.
- Perform any additional duties as assigned by the Division Head to support the bank's IT security goals.

11 Dec 2022 – 10 Oct 2023 ## QA Analyst

Brown Mafia
House No - 2, 1 Road No. 7, Mohammadia Housing, Dhaka - 1207, Bangladesh

- Performed different types of security testing (Network security testing, Payment gateway security testing, Social engineering testing etc.) in e-commerce web application.
- Reviewed design specifications thoroughly to comprehend the scope, requirements, and functionality of web application.
- Executed comprehensive testing procedures to ensure that products met user requirements and complied with established guidelines.
- Identified, documented, and replicated error codes, bugs, and defects for further analysis.
- Collaborated with web developers to report defects when products did not meet specifications, providing insights into potential solutions, improvements, and updates.
- Conducted maintenance testing on delivered products throughout the service agreement period.
- Undertook additional duties as assigned.

12 May 2022 – 11 Nov 2022 ## Software Tester Intern

Samsung R&D Institute Bangladesh
111 Bir Uttam CR Dutta Rd, Dhaka 1205, Bangladesh

- Conducted both manual and automated verification of tests.
- Established test environments, formulated test plans, and created and executed test cases.
- Ran tests across various environments and devices to ensure comprehensive coverage.
- Reported all issues associated with test failures.
- Developed and maintained automation test scripts on a periodic basis.

5 Dec 2019 – 4 April 2021 ## Junior QA Analyst

Brown Mafia
House No - 2, 1 Road No. 7, Mohammadia Housing, Dhaka - 1207, Bangladesh

– Executed test cases to ensure software quality.
– Identified and documented defects found during testing.
– Collaborated with team members to resolve issues and improve software quality.
– Assisted in maintaining test environments.
– Verify automation scripts to ensure accurate and efficient testing processes.

TECHNICAL SKILLS

Python(Basic); Java (Programming Language); Database: MySQL; Version Control System-Git; SDLC,STLC and Bug Life Cycle Processes; Cybersecurity (Basic); Information Security (Basic); Information Security Audit; Security Information and Event Management (SIEM); ISO 27001; Vulnerability testing; JIRA

DISTINCTIONS

– **VC's List Honor** for 'Academic Excellence' with a GPA 4.0 out of 4.0 scale in Spring 2021 semester, issued by Office of the Controller of Examinations, Brac University.

CERTIFICATIONS

– **Backend Engineering with Python** Issued by 'Tecognize Training'.
– **Battalion ATE-1** Issued by 'Bangladesh National Cadet Corps'.
– **Foundation Training Program (General Banking Module)** Issued by 'Learning & Training Development Center, The Premier Bank PLC. '.
– **Foundation Training Program- Credit Module (Trainee Junior Officer)** Issued by 'Learning & Training Development Center, The Premier Bank PLC. '.

TRAINING

2024   Foundation Training Program- Credit Module (Trainee Junior Officer)

Learning & Talent Development Center, The Premier Bank PLC., Dhaka, Bangladesh

2023   Foundation Training Program (General Banking Module)

Learning & Talent Development Center, The Premier Bank PLC., Dhaka, Bangladesh

2022   Backend Engineering with Python

Tecongnize Training, Dhaka, Bangladesh

2017   Animated Film Making

Residential Campus, Brac University, Dhaka, Bangladesh

2015   Battalion ATE-1

Bangladesh National Cadet Corps, Dhaka, Bangladesh

PERSONAL SKILLS

Mother tongue   Bengali

Other languages

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English				
C1	C1	B2	B2	B2
IELTS: 7.0 [C1]				

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills	– team work: I have worked in various types of teams. For 1 years I coached my high school BNCC platoon.
	– mediating skills: I work on the borders between young people, youth trainers, for example running a 2 day training at Project Better-life "Promoting education among the underprivileged", and my continued work on youth training programmes

Organisational / managerial skills	– whilst working for Bangladesh National Cadet Corps I led our high school BNCC platoon.
	– during my Cadet adjutant period in my high school BNCC platoon I organised many seminars on leadership and importance of disciplined and smart life.

Digital competences

SELF-ASSESSMENT				
Information Processing	Communication	Content creation	Safety	Problem solving
Proficient user	Independent user	Basic user	Independent user	Independent user

Digital competences - Self-assessment grid

Other skills	Enjoy all adventure sports particularly scuba diving, rappelling, jumaring, free climbing. Love to travel and experience different cultures.

VOLUNTEERING EXPERIENCES

10 August 2023 – Current

Vocational Training Officer
Project Better life
– Educating Children in Basic Arithmetic
– Conducted workshops to teach children life skills like basic IT functions, how can one use internet as an educational tool, leadership skills etc.

REFERENCES

Dr. Md. Ashraful Alam
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Brac University
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