

MD AL ADNAN

+8801625208031 ◇ md.al.adnanoo@gmail.com ◇ ResearchGate ◇ LinkedIn

EDUCATION

Bachelor of Science in Software Engineering (BSSE)

Jan 2018 — Sep 2023

Institute of Information Technology, Noakhali Science And Technology University, Bangladesh

Final Year Project: University website with integrated chatbot;

CGPA: **3.41 out of 4.00**

Core Courses: Software Engineering, Software Testing, Software Security, Data Structure, Computer Networks, Information Security, Requirement Engineering, Design Pattern, OOP, Algorithm, Software matrix, Machine learning, Image Processing, Distributed system, Artificial Intelligence.

- GRE: 323 (Quant: 168, Verbal: 155, AWA: 4)- Taken: May 2024
- IELTS: 8 (Reading: 8, Listening: 8, Speaking: 7.5, Writing: 7)- Taken: March 2025

PUBLICATIONS

- **Md Al Adnan**, Saifur Rahman, Jeba Maliha, Shahjada Shahrear, Sejuti Sarker Tinny, Khalid Mohammad, & Syed Ali Haider. (2024). Analysis of the identification of cybercrimes using cybersecurity analytics powered by artificial intelligence,” *Kexue Tongbao/Chinese Science Bulletin*, 69(7), 2024.
- Irfan Sadiq Rahat, Hritwik Ghosh, **Md Al Adnan**, Md Mehedi Hasan Nipu, Mohammed Altaf Ahmed, Q S Tameem Naz “Deep Learning-Based Classification of Rice Varieties for Agricultural Applications,” *2024 International Conference on Augmented Reality, Intelligent Systems, and Industrial Automation (ARILA)*, 2024.
- MGazi Tanbhir, Md. Farhan Shahriyar, Khandker Shahed, Abdullah Md Raihan Chy, **Md Al Adnan** “Hybrid Machine Learning Model for Detecting Bangla Smishing Text Using BERT and Character-Level CNN” *13th International Conference on Electrical and Computer Engineering (ICECE 2024)*, 2024.
- Shweta Bhattacharjee Porna, Md Saiful Islam Sajol, Tonmoy Roy, Mohammad Aman Ullah, Sanjog Thapa, **Md Al Adnan**, Irfan Sadiq Rahat, Girigula Durga Bhavani “Hybrid Convolutional Neural Networks for Enhanced Detection of Mango Leaf Diseases” *2024 IEEE 6th International Conference on Cybernetics, Cognition and Machine Learning Applications (ICCCMLA)*, 19-20 Oct. 2024.
- Nazmun Nahar, Sourav Barman, Md Raju Biswas, **Md Al Adnan**, Md Hasan Imam, Mohammad Shahadat Hossain, Karl Andersson “An Explainable Machine Learning Framework for Prediction of Employee Attrition” *2nd International Conference on Machine Intelligence and Emerging Technologies (MIET 2024)*, 2024.

INDUSTRY EXPERIENCE

Software Quality Assurance Engineer

May 2025 — Dec 2025

GeeksSort

Dhaka, Bangladesh

- Analysing requirements and UI designs for early-stage testing,
- Conducting Functional and Non-Functional testing for web and app platforms
- Reporting and tracking bugs throughout the testing process and generating a comprehensive test report.

Intern , Software Engineer

May 2022 — Sept 2022

Kona Software Lab Limited

Dhaka, Bangladesh

- Developed three versions of the automation test tools for the Kona SL project
- Performed Test case writing and Performed API testing using Postman
- Learned Java in detail and performed manual testing as well
- Load testing for multiple projects using JMeter.

TEACHING EXPERIENCE

University Admission Coach (Physics, Mathematics, ICT)

Songshaptak University Admission Coaching Center

May 2018 — Dec 2020

Dhaka, Bangladesh

Activities Include:

- Taught science stream subjects to high school graduates preparing for public university entrance exams.
- Developed simplified explanations and mock test sessions for competitive preparation.
- Provided individualised academic support based on student strengths and weaknesses.

SOFTWARE PROJECTS

• University Website with Integrated Chatbot

This is an NLP-based application. Through this app, anyone can learn about the university easily. The chatbot will provide real-time feedback, and other necessary menus are kept on the website so that the entire university functions are automated. .

• Online Restaurant Management System

This is a restaurant management system website, through which customers can easily order food at home and restaurant table booking. Bootstrap and PHP are used here.

• E-commerce Website Automation using TestNG

This project is about automating an e-commerce website. Here, the whole signup, login, and purchase procedures for the website are automated. (Positive and negative all tests covered).

TECHNICAL SKILLS

Programming Languages: C, Java, Python, R

Integrated Development Environments & others: Eclipse, Android Studio, PyCharm, RStudio, Google Colab, XAMPP

Version Control & Systems: Git, GitHub

Operating Systems: Windows, Linux Families

Software Testing Related Tools : Selenium (JUnit, TestNG), Appium, JMeter, Postman

Office and Graphics: Overleaf, Adobe Illustrator, Adobe Photoshop, Microsoft Office

ACHIEVEMENTS

ISTQB® Certified Tester Foundation Level (CTFL) v4.0

Software Development Engineering In Test By Road to SDET: 100 Percent grade achieved

Cyber Security Foundation by Arena web security: 100 Percent grade achieved

Web Design and Development by IIT-NSTU: 100 Percent grade achieved

Participant certificate, Hult Prize Bangladesh NSTU Chapter.

EXTRACURRICULAR ACTIVITIES

- Chittagong Division Lead, NASA Space App Challenges Bangladesh.2021
- Former Convenor, Basis Student Forum-NSTU Chapter.
- Former Convenor,IT Club-NSTU
- Volunteer, National Hackathon, 2018
- Former Convenor, NSTU Debating Club
- Former Class Representative - IIT 1st Batch, NSTU.

REFERENCES

1.Dipok Chandra Das

Assitant Professor, Institute of Information Technology
Noakhali Science And Technology University,Noakhali, Bangladesh
+8801743972128, dipok.iit@nstu.edu.bd

2. Falguni Roy

Assistant Professor, Institute of Information Technology
Noakhali Science and Technology University, Bangladesh
+8801680446978 falguniroy.iit@nstu.edu.bd