Md. Monir Hossain

Lecturer, Researcher, Dept. of CSE, Bangladesh

🌐 Website | 🐙 Monir | 🔗 Md. Monir Hossain | 🌐 Scholar |

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RESEARCH INTERESTS

Machine Learning, Blockchain Technology, Natural Language Processing, Large Language Models

Objective

Aspiring to pursue a Ph.D. in Computer Science with a focus on Machine Learning, Blockchain Technology, Natural Language Processing (NLP), and Large Language Models (LLMs). Committed to impactful research and academic excellence with over four years of teaching and research experience.

TEACHING AND RESEARCH EXPERIENCE

Faculty Member, Dept. of CSE, Sylhet Engineering College, Bangladesh　　Jan 2021 – Present

– **Course:** Data Structures & Algorithm, Introduction to Computer Language, Cyber Security & Ethics

Faculty Member, Dept. of CST, IBIT, Sylhet, Bangladesh　　Sept 2021 - Present

– **Course:** OOP, Data Structures & Algorithm, DBMS, Computer Network, Discrete Mathematics

Research Coordinator, SEC Research Lab　　Feb 2022 - Nov 2024

– I collaborate research projects on Blockchain Based Document Verification.

Research Assistant, Dept. of CSE, SEC Affiliated with SUST　　Apr 2019 - Dec 2020

– **Supervisor:** Assistant Professor & Head, Muhammad Shamsul Islam

– **Contributions:** Benign & Melanoma skin cancer detection using latest deep learning Models.

OTHER EXPERIENCE

Guest Lecturer, Dept. of CSE, Faridpur Engineering College, Bangladesh　　Jun 2022 – Apr 2025

– Course: Mathematical & Statistical Analysis for Engineers, Mathematical Analysis for Computer Science

Instructor, Bangladesh Computer Council, Dept. of CSE, SUST　　Dec 2024 - Jan 2025

– **Program:** Digital Skill Training, Enhancing Digital Government and Economy (EDGE)

– **Role:** I guide learners in practical digital marketing using tools, channels, content, analytics, and campaigns.

Problem Setter, Bangladesh Computer Council, Sylhet.　　May 2025 -May 2025

– **Program:** High School & College Regional Programming Contest- 2025

– **Role:** I design and develop problems for the High School & College Regional Programming Contest 2025.

Team Leader & Problem Setter, Prothomalo Bondhushava, Sylhet.　　Aug 2023 - Aug 2023

– **Program:** Sylhet Prothomalo Bondhushava Programming Contest- 2023

– **Role:** I led the team in organizing and preparing problems.

EDUCATION

B.Sc (Engg.) in CSE, Shahjalal Univ. of Sci. and Tech. (SUST), Bangladesh　　Apr 2015 - Jan 2020

– **CGPA:** 3.52/4.00; Year: 2020; **Class Position:** *3rd* / *54 Students*

H.S.C Science, Dhaka College, Dhaka, Bangladesh　　May 2011 - Aug 2013

– **GPA:** 5.00/5.00 *(Golden);*

SELECTED PUBLICATIONS

1. **Md. Monir Hossain**, S A Sakib, Md. Rakib, Nilay Shuvra Das, Sanjoy Kanti Talukder (2025). Empowering Democracy: Unveiling the Brilliance of Blockchain Technology in Smart and Safe E-Voting Systems. In 2024 3rd International Conference on Computing Advancements (ICCA) (pp. 93-98). ACM, USA.

2. S A Sakib, Md Rakib, **Md. Monir Hossain**, Mohammad Shamsul Islam, Biozed Rahman Khan, Md Suman Reza (2023). Blockchain Based Certificate Verification for Employee Hiring & Admission System. In 2023 26th international conference of computer and information technology (ICCIT) (pp. 1-6). IEEE.

3. R Amin, MS Islam, RI Arif, A Islam, **MM Hossain** 2022. Integrated Application for Forged Elimination of Hiring & Admission System Based on Hyperledger Fabric 2.x. In 2022 25th International Conference on Computer and Information Technology (ICCIT) (pp. 1-6). IEEE.

ACHIEVEMENTS AND AWARDS

IEEE Honorable Mention Award, Awarded by 26th ICCIT Conference 2023   2023
– Our paper was one of the top 5 papers at this conference in the domain of ML- Blockchain Technology.

University Scholarship from SUST   2015 - 2020
– Awarded by SUST, for achieving the best results for every academic year.

Bangladesh Government's Ministry of Education Scholarship   2013
– Received this scholarship for the academic result of the HSC Board Examination.

SKILLS

Language	Python, C/C++, SQL, MySQL
Frameworks	PyTorch, Tensorflow, Pandas, Keras, Django, NLP
Utilities	Git, Jupyter Notebook, LaTex, Word
Others	LLMs, Machine Learning, Data Analytics, Google Colab

EXTRA CURRICULAR ACTIVITIES

Undergraduate Student Mentor	Dept. of CSE, SEC, SUST (Sep 2022 – Feb 2025)
Advisor	SEC Carrer Club (Jun 2025- Present)
Thesis Presenter	3rd ICCA -2024, ACM, NY, USA
Organizer	Intra University Junior Programming Contest (IUJPC) 2023
Problem Solver	Platform: *Leetcode* (Solved 200+ problems)

References

Dr. Md. Masum, Professor & Head, Department of Computer Science and Engineering, Shahjalal University of Science and Technology, Sylhet, Bangladesh.
Email: masum-cse@sust.edu, Phone: +8801919736248
Relationship: Academic Mentor

Dr. Md Forhad Rabbi, SMIEEE, Professor, Department of Computer Science and Engineering, Shahjalal University of Science and Technology, Sylhet, Bangladesh.
Email: frabbi-cse@sust.edu, Phone: +8801844175805
Relationship: Academic Mentor & Course Teacher

Assistant Professor & Head, Muhammad Shamsul Islam, Department of Computer Science and Engineering, Faridpur Engineering College, Dhaka, Bangladesh.
Email: shamsulcse@sec.ac.bd, Phone: +8801788844430
Relationship: Thesis Supervisor & Colleague.