

Shabbir Ahmed

Bashundhara, Dhaka

shabbir.ahmed01@northsouth.edu | shabbir.ahmad1994@gmail.com | +8801531216024

EDUCATION

NORTH SOUTH UNIVERSITY
MS IN COMPUTER SCIENCE AND
ENGINEERING
Studying

NORTH SOUTH UNIVERSITY
BS IN COMPUTER SCIENCE AND
ENGINEERING
Dec 2020 | Dhaka
Cum Laude
CGPA: 3.57/4.0

**SHAHID SYED NAZRUL ISLAM
COLLEGE**
HSC
2014 | Mymensingh
GPA: 5.0/5.0

MRITYUNJOY SCHOOL
SSC
2012 | Mymensingh
GPA: 5.0/5.0

LINKS

Facebook:// **Shabbir**
Github:// **shabbir09**
LinkedIn:// **shabbir09**
HackerRank:// **shabbir09**

COURSEWORK

Data Structures and Algorithm
DBMS
Machine Learning
Fuzzy Logic
Internet and Web Technology

SKILLS

Research

- Generative AI
- Remote sensing and Research methodology
- Satellite Image Analysis
- Problem Solving

Programming

• C • C++ • PHP • JS • Python • MySQL

Softwares:

• QGIS • ArcGis • LaTeX • Gpt • Office

Language

• Bengali(Native) • English(Fluent)

ABOUT ME

Graduate student in Computer Science with 4 years of teaching/lab instruction experience at NSU. Skilled in preparing lab materials, grading, and mentoring students. Researcher in Generative AI and Remote Sensing with publications in international journals

EXPERIENCE

NORTH SOUTH UNIVERSITY
Lab Instructor (Part-time)
ELECTRICAL AND COMPUTER ENGINEERING
June 2021 – April 2025 | Dhaka

- Conduct Lab sessions for students.
- Grading and proctoring of exams.
- Teach C programming language and problem-solving
- Teach data structure and DBMS

NORTH SOUTH UNIVERSITY
Undergraduate Teaching Assistant
DEPARTMENT OF MATHEMATICS AND PHYSICS
Oct 2020 – May '21 | Dhaka

- Conduct tutorial sessions for students.
- Grading of quizzes, homework, and assignments.

RESEARCH

NORTH SOUTH UNIVERSITY | Researcher
Worked with **Dr Shahnewaz Siddique** on **flood mapping** using **remote sensing** and **machine learning**. Our goal is to create a flood map using satellite images then estimate damage by image analysis and then apply machine learning.

AWARDS

2017	North South University	Scholarship recipient for 3 years
2005	Bangladesh Government	Primary scholarship, Talent Pool

PUBLICATIONS

[1] Noor, F., Tanjim, R.M., Rahim, M.J., Suvon, M.N.I, Porna, F.K., **Ahmed, S.**, Kaiyoun, M.A.A., Rahman, R.M. (2021). Application of Fuzzy Logic on CT-Scan images of Covid-19 Patients. Int. Journal of Intelligent Information and Database Systems DOI: 10.1504/IJIDS.2021.10039512

[2] Jahir, Z.B., Chowdhury, F.H., Hassan, N.N., **Ahmed, S.**, Jahan, N., Jahan, S., & Mahadi, A.A. (2018). A Noble Approach to Develop Smart Travel Bag: Design, Control & Performance Analysis of Electronic Travel Bag. 2018 International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering (ICRIEECE), 953-956.

