

Md. Abu Sayem

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TEACHING EXPERIENCE

Lecturer

Jan 2025 - present

Department of Computer Science and Engineering
University Of Asia Pacific (**UAP**)
Green Road, Dhaka - 1205, Bangladesh

Lecturer

Oct 2024 - Jan 2025

Department of Computer Science and Engineering
Bangladesh University of Business and Technology (**BUBT**)
Mirpur-2, Dhaka, Bangladesh

EDUCATION

B.Sc(Engg.) in Computer Science and Engineering

2019 - 2024

Shahjalal University of Science and Technology, Sylhet
CGPA : **3.80** with distinction (out of 4.00)
Position: **9th** (out of 101)

HSC in Science

2016 - 2018

Notre Dame College, Dhaka
GPA : **5.00** out of 5.00

SSC in Science

2015 - 2016

Banani Bidyaniketan School and College, Banani, Dhaka
GPA : **5.00** out of 5.00

RESEARCH INTEREST

Natural Language Processing Machine Learning Deep Learning

RESEARCH WORKS

Bangla Protest News Categorization Using Deep Learning

M. Mosleh, **M. A. Sayem**, M. Shahidur Rahman and M. S. Islam, "Bangla Protest News Categorization Using Deep Learning," 2023 26th International Conference on Computer and Information Technology (IC-CIT), Cox's Bazar, Bangladesh, 2023, pp. 1-6, doi: 10.1109/ICCIT60459.2023.10441451.

A Deep Neural Network Based Bangla Stemmer With Newly Annotated Dataset (ongoing)

Established the most extensive annotated corpus for Bangla Stemming and developed an innovative neural network-powered stemmer for the Bangla Language, outperforming existing rule-based stemmers in terms of performance.

PROJECTS

Data Annotation Software for Bangla Stemming (NodeJs, MongoDB, Express, Ejs)

A paid research project under Sust Research Center (2022-23) for data annotation; deployed at web.

Root Predictor For Bangla Words (Html, Css, Python, Flask, Docker)

Built a website that can identify the stem of any given Bangla word using deep learning model (LSTM).

Online Course Management System (JSP, Servlet, MySQL)

Developed an online course management system enabling administrators to allocate courses, with students enrolling in selected courses and teachers accessing relevant course and students' information.

TECHNOLOGIES

Languages C/C++, Python, Java, HTML, CSS, JavaScript

Frameworks NodeJS, ExpressJS

Tools and Database Git, Github, MySQL, MongoDB, Docker, Latex

ACHIEVEMENTS

- Education Board Scholarship in Junior School Certificate
Dhaka Education Board
- Education Board Scholarship in Secondary School Certificate
Dhaka Education Board
- Education Board Scholarship in Higher Secondary School Certificate
Dhaka Education Board
- University Scholarship in 2nd and 3rd year examination at
Shahjalal University of Science and Technology, Sylhet

REFERENCES

Mohammad Shahidur Rahman, PhD

Professor

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Shahjalal University of Science and Technology

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Dr Mohammad Reza Selim

Professor

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Shahjalal University of Science and Technology

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