

MOHAMMED SAIDUL ISLAM

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RESEARCH INTERESTS

Natural Language Processing | Computational Linguistics | Data Mining | Machine Learning | Deep Learning

EDUCATION

York University Toronto, Canada
M.Sc in Computer Science 2023 - Current
Currently enrolled in the second semester of Master's in Computer Science program at York University

Islamic University of Technology Gazipur, Bangladesh
B.Sc in Computer Science and Engineering 2016 - 2019
CGPA: **3.77** out of 4.00 (8th in class)
Last semester GPA: **4.00**

PROFESSIONAL EXPERIENCE

Islamic University of Technology Gazipur, Bangladesh
Lecturer, Department of Computer Science and Engineering 2021 - Current

Xeon BD Dhaka, Bangladesh
Software Developer Intern 2018

PUBLICATIONS

Multihop Factual Claim Verification Using Natural Language Prompts 2023
Accepted at Canadian AI 2023

BanglaRQA: A Benchmark Dataset for Under-resourced Bangla Language Reading Comprehension-based Question Answering with Diverse Question-Answer Types 2022
Accepted at the Findings of EMNLP 2022

An Efficient Approach to Automatic Tag Prediction from Movie Plot Synopses using Transformer-based Language Model 2022
Accepted at ICCIT 2022

Explainable Artificial Intelligence Model for Stroke Prediction Using EEG Signal 2022
Accepted at Sensors Journal

PREPRINTS

BenLLMEval: A Comprehensive Evaluation into the Potentials and Pitfalls of Large Language Models on Bengali NLP 2024

Under review LREC-COLING 2024

A Reading Comprehension based Bangla Question-Answering Dataset 2024

On going research

SKILLS

Languages and Databases	C, C++, Java, Python, LaTeX, MySQL, Oracle SQL
Development Tools	Matlab, Netbeans, IntelliJ, Visual Studio, Jupyter Notebook, Spyder
Libraries & Frameworks	PyTorch, TensorFlow, Keras, Scikit-learn, Numpy, Matplotlib, Hugging Face

CERTIFICATION

Machine Learning by Stanford University 2019

Tensorflow in Practice Specialization by DeepLearning.AI 2020

IBM Data Science Professional Certificate by IBM 2020

SIGNIFICANT PROJECTS

- Fruits (Rotten vs Fresh) Classifier with Convolutional Neural Network
- Automated Attendance Monitoring System (An Android Application with NFC)
- An E-Commerce Website for the Students of IUT

TEACHING EXPERIENCE

Conducted the following courses as a Lecturer in IUT

- Structured Programming in C, System Analysis and Design, Database Management Systems, Data Structures, Technical Report Writing, etc.

TEST SCORES

TOEFL 2022

Score: 108 (Reading: 28, Listening: 29, Speaking: 24, Writing: 27)

HONORS & AWARDS

International 2021

Finalist, International Data Analysis Olympiad (IDAO) 2021

Domestic 2016

OIC Partial Scholarship, for 4 years during my undergraduate study period, awarded by IUT

EXTRA CURRICULAR ACTIVITIES

Organizer and Member of the Supervision team 2022

Short course on “Cyber Security for Information Age: Practices and Challenges”

Member of the Workshop and Seminar team, IUT Computer Society 2019

Successfully organized IUT 10th ICT Fest