Moythry Manir Samia

Date of birth: 02/07/1997 | **Nationality:** Bangladeshi | **Gender:** Female | **Phone number:** (+880) 01798727226 (Home) |

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ABOUT ME

With a strong ICT background, an international Master's exploring the intersection of technology, behavior, and digital well-being, and over two years of programming experience at Southtech Limited, I bring a multidisciplinary perspective to AI. I'm passionate about building intelligent systems that solve real-world problems and excited to contribute to innovative, impactful projects in this field.

WORK EXPERIENCE

🏛 COMA LAB, UNIVERSITY OF LIEGE – LIEGE, BELGIUM
INTERN – 01/05/2025 – CURRENT

BIOWIN
1. EEG Signal Analysis
2. Statistical Analysis

🏛 SOUTHTECH LIMITED – DHAKA, BANGLADESH
JR. PROGRAMMER – 17/08/2021 – CURRENT

Ascend Financials
1. Develop web application using using Java, Spring Framework, JS, jQuery, AngularJS
2. Write SQL queries, Stored Procedures and SQL Functions
3. Analysis, Design, Testing and documentation of software items

🏛 ADVANCED MACHINE INTELLIGENCE RESEARCH LAB (AMIRL) – BANGLADESH
RESEARCH ASSISTANT

EDUCATION AND TRAINING

01/09/2024 – CURRENT
ERASMUS MUNDUS JOINT MASTERS IN CYBERSPACE, BEHAVIOR AND E-THERAPY Universidade Lusófona; University Paris Cite; University of Barcelona

2019 – 2020
M. SC. IN ENGINEERING Comilla University

Address Cumilla, Bangladesh | **Field of study** Information and Communication Technology | **Final grade** 3.63/4.00 |

Thesis Aspect-Based Sentiment Analysis for Bengali Text using Machine Learning and Deep Learning

2016 – 2019
B. SC. IN ENGINEERING Comilla University

Address Cumilla, Bangladesh | **Field of study** Information and Communication Technology | **Final grade** 3.81/4.00

PUBLICATIONS

2022
Moythry Manir Samia, Alimul Rajee, Md. Rakib Hasan, Mohammad Omar Faruq and Pintu Chandra Paul, "Aspect-based Sentiment Analysis for Bengali Text using Bidirectional Encoder Representations from Transformers (BERT)" International Journal of Advanced Computer Science and Applications(IJACSA), 13(12), 2022. http://dx.doi.org/10.14569/IJACSA.2022.01312112

Keywords: Bengali sentiment analysis; Aspect-Based Sentiment Analysis (ABSA); Bengali ABSA; deep learning; Bidirectional Encoder Representations from Transformers (BERT)

2024
tRF-BERT: A transformative approach to aspect-based sentiment analysis in the bengali language

PROJECTS

Aspect-based Sentiment Analysis using Machine Learning and Deep Learning

From the comments of YouTube video sections and social media sites like Facebook, determining the speakers' actual topics of discussion as well as the polarity of each opinion.

Link https://github.com/moythry119/ABSA

Augmented Reality based educational mobile application

This project presents an AR based low-cost simulator mobile application for electrical lab experiment. It has been developed using Blender 3D, Unity 3D and Vuforia SDK

Link https://github.com/moythry119/Augmented-Reality-Based-Educational-App

HONOURS AND AWARDS

04/04/2024
Erasmus Mundus Joint Masters Scholarship – European Union

29/12/2022
National Science and Technology Fellowship – Ministry of Science and Technology, People's Republic of Bangladesh Government

ENGLISH LANGUAGE QUALIFICATIONS

IELTS Score

Overall Score : 7.5
• Listening : 8.5 • Reading : 8 • Writing : 6.5 • Speaking : 6.5

EXTRACURRICULAR ACTIVITIES

Joint Secretary General at Comilla University IT Society

Coordinator at RadioCoU

SKILLS

Programming Skills

Programming Languages: Python, Java, JavaScript, C, C++, C#
Machine Learning and AI: Machine Learning, Deep Learning, Natural Language Processing
Web Development Frameworks: Spring (Spring Boot, Spring MVC, Spring Security, Spring Data), jQuery, AngularJS
Database Management: MSSQL, PostgreSQL

RECOMMENDATIONS

Prof. Dr. Saifur Rahman Associate Professor, Departmental Head of ICT, Comilla University

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