

Mubina Ashrafi

B.Sc., Department of Computer Science and Engineering
Ahsanullah University of Science and Technology, Bangladesh
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[Email](#) - [Github](#) - [Portfolio](#)

Education

Bachelor of Science [April 2018 - January 2023]
Computer Science and Engineering
Ahsanullah University of Science and Technology, Dhaka-Bangladesh
Overall CGPA **3.441** out of **4.00** ; total credit hours 161.25

Certifications

Data Science & Machine Learning with Python Course [December 2024 - April 2024]
aiQuest Intelligence; total course duration 50 hours
Relevant Course Modules: ML Model Evaluation, Hyperparameter Optimization, Machine Learning for Time Series, Deep Learning & Neural Networks, Statistics for Data Science

Thesis & Project

- **Undergraduate Final Thesis** [May 2022 - December 2022]
Bengali Sentiment Analysis Using Social Media Posts
Supervisor: Ms. Syeda Shabnam Hasan
 - Research conducted on the Bengali language dataset which makes my project unique because there is less work done on the Bengali language. The majority of the data was acquired via online shopping websites in order to obtain authentic customer sentiment. Experiment on multiple datasets to acquire the best results.
- **Undergraduate Project** [September 2022 - December 2022]
Bengali Data Augmentation Using Explainable AI
Supervisor: Nibir Chandra Mandal
 - Developed using the Bengali BERT model. Trying to explain the feature using LIME. Attempting to investigate explainable AI on the Bengali dataset makes the work most significant.

Work Experience

- **Project Associate** [October, 2023 - August, 2024]
Quantanite, Bangladesh
Supervisor: Alomgir Hossen
 - Processing source data for required fields. Scribe files to represent in a designated format. Meet daily expectations/KPIs as assigned with efficiency and quality

Technical Skills

C++, Python, SQL, Data Structure, Algorithm
Python libraries: Pandas, Numpy, Matplotlib
Power BI, Tableau, Jupyter Notebook
Web Scraping, Machine Learning, Deep Learning
Office Operators: Microsoft Office (Word, Excel, Powerpoint)

Relevant Research Skills

Expertise in data analysis and data preprocessing
Knowledge of collecting data through web scraping
Experienced with different data visualisation tools like PowerBI and Tableau
Ability to write research paper and analyse the research literature to an outstanding standards

Affiliation

IYS Country Coordinator

[July 2020 - August 2021]

International Youth Summit

Workplace Skills Development Academy (WSDA-New Zealand)

Reference

- **Nibir Chandra Mandal**
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- **Rashedul Alam**
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