Adib Wahid Quader

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🔗 My Website: https://aveiro11.github.io/Adib.github.io/

🎓 EDUCATION

2018 – 2023	**B.Sc in Computer Science and Engineering,** *International Islamic University Chittagong*

💼 PROFESSIONAL EXPERIENCE

Feb 2024 – Apr 2024	**Data Analyst Intern,** *Hydroquo+ Labs* ☑

- Contributed to the Govt. funded Joint Research Programme with the Water Resources Planning Organisation of Bangladesh (WARPO) on the Surma River Water Level Prediction System.
- Contributed to the Govt. funded joint maintenance programme of the Saidabad Water Treatment Plant Project with the Dhaka Water Supply and Sewerage Authority (DWASA).
- Constructed the monitoring infrastructure in Grafana for real-time water monitoring.

2022 – 2023	**Teaching Assistant,** *International Islamic University Chittagong* ☑

Department : Computer Science & Engineering
Assigned Under : Professor Dr. Engr. Abdul Kadar Muhammad Masum ☑
Course Title : 1. Software Engineering
2. Software Developement.

🔬 RESEARCH EXPERIENCE

Undergraduate Research Work:

- Engaged in a Research project entitled "A Machine-Learning Approach … … Social Media" as a Research Student.
- Engaged in a Research project entitled "Fuzzy Attention Based Deep Model for Sentiment Analysis" as a Research Student.
- Actively engaged in Data collection, Data analysis, Model Training & Evaluation for the above mentioned works.

Thesis Title: A Machine-Learning Approach to Detecting Depressive Posts from Reddit Social Media.
Supervisor Name: Dr. Muhammed Jamshed Alam Patwary ☑

📰 PUBLICATIONS

Aug 2023	**A Machine-Learning Approach to Classify Depressive Posts from Reddit Social Media,** *IEEE* ☑

Published in: 2023 International Conference on Next-Generation Computing, IoT and Machine
Learning (NCIM).

Dec 2023	**Depressive Post Classification using Transformer Models,** *IEEE* ☑

Published in: 2023 26th International Conference on Computer and Information Technology (ICCIT).

📁 PROJECTS

Football-Player-Detection ↗
An image classification model using open Python Flask and OpenCV. HTML/CSS/Javascript were used for UI Snapshots from the project.

Image-caption-Generator ↗
Generates text descriptions of input pictures using CNN as the image model and RNN/LSTM as the language model, along with InceptionV3 and a pre-trained GloVe model.

Classifying Posts from Social Media ↗
A sentiment analysis and classification over Reddit social media using various NLP methods such as Bag of words,Tf-idf and 4 classification models like SVC,Random Forest and a Recurrent Neural Network which is LSTM and a Transformer Model.

🧠 SKILLS

Python, JavaScript, CSS, HTML • **Familiar with Pandas, NumPy, Matplotlib, Seaborn, NLTK** •

MySQL, PostgreSQL, InfluxDB •

Decent theoretical knowledge on Machine Learning, Statistics, OOP & Database • **Tools:** — Grafana, Power BI, Google Colab, Tensorflow • **Problem Solving:** — Top SQL 50 (LeetCode), Introduction to Pandas │ (LeetCode), 100 problem solves (LeetCode)

📚 COURSES

Natural Language Processing with Classification and Vector Spaces, *DeepLearning.AI* ↗

Google Cloud Big Data and Machine Learning Fundamentals, *Google Cloud* ↗

Databases and SQL for Data Science with Python, *IBM* ↗

🎙 EXTRA-CURRICULAR ACTIVITY:

2021 – 2023	**President,** *International Islamic University Chittagong Debaters Community* ↗
2022 – 2023	**Debate Secretary,** *International Islamic University Chittagong Computer Club* ↗

🎖 AWARDS & HONORS

2022	**Debater of the tournament,** *ICARUS II-Inter Club 2022* ↗
2020	**Runner-up,** *Kishwan-EDUDS national debate championship 2020* ↗
2020	**Participant,** *Pre-Korea World University Debating Championship 2021* ↗

🌐 LANGUAGES

English — Fluent
IELTS band score: 7.5

Bengali — Native/Bilingual