Adib Wahid Quader

✉ adibwahidcse@gmail.com   in Adib Wahid   ⊙ Aveiro11   🔗 Web: https://aveiro11.github.io/Adib.github.io

⛭ Major_Stroheim

🎓 EDUCATION

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

💼 PROFESSIONAL EXPERIENCE

Feb 2024 – Apr 2024	**Data Analyst Intern,** *Hydroquo+ Labs* ⊡	Dhaka, Bangladesh

- 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* ⊡	Chittagong, Bangladesh

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, C++, JavaScript, CSS, HTML • **MySQL, PostgreSQL, InfluxDB** • **ML, DL, LLM Packages & Tools** —

NLTK, OpenAI, LangChain, Hugging Face, Scikit-learn, TensorFlow, Keras, OpenCV • **Data Analysis & Visualization** —

Pandas, NumPy, Matplotlib, Seaborn, Grafana, Power BI • **Familiar with fundamentals of AWS** •

Decent theoretical knowledge on ML, LLM, OOP & Database • **Problem Solving:** — Top SQL 50 (LeetCode),

Introduction to Pandas │ (LeetCode), 100 problem solves (LeetCode) • **English Proficiency** — IELTS Band Score: 7.5

📚 CERTIFICATIONS

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* ↗