Adib Wahid Quader

✉ aveirowahid@gmail.com   in LInkedIn   ○ Github   🔗 adibwahid.github.io   Ɛ Major_Stroheim   ◆ Google Scholar

📍 Göteborg, Sweden

🎓 EDUCATION

Master in Language Technology, *University of Gothenburg*   Aug 2025 – Present | Gothenburg, Sweden

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

💼 PROFESSIONAL EXPERIENCE

Business Analyst, *NEXT Ventures*   Mar 2025 – Jul 2025 | Dhaka, Bangladesh
- Conducting in-depth market research, including industry trends, competitor analysis, and consumer behavior studies & Identifying opportunities for business growth, and product development.
- Analyzing industry reports, publications, and relevant sources to provide concise and actionable insights.
- Data cleaning, web scraping, and analysis of complex datasets.
- Collaborating with the Data and R&D teams to integrate technical insights into research outputs.

Data Analyst Intern, *Hydroquo+ Labs* ⌐   Feb 2024 – Apr 2024 | 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.

Teaching Assistant, *International Islamic University Chittagong* ⌐   2022 – 2023 | 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

[1] Quader, A., et al, "A Machine-Learning Approach to Classify Depressive Posts from Reddit Social Media," in 2023 International Conference on Next-Generation Computing, IoT and Machine Learning (NCIM), 2023, pp. 1-6.

[2] I. Newaz, A. Quader, M. Patwary, "Depressive Post Classification using Transformer Models," in 2023 26th International Conference on Computer and Information Technology (ICCIT), 2023, pp. 1-6.

📂 PROJECTS

Dhaka Wasa Water Monitoring Service, *Part of a joint Govt. project between DWASA and Hydroquo+*

Developed an IoT-based water monitoring system utilizing 5G for data transmission, AWS and Terraform for cloud infrastructure management, and Grafana for data visualization and analysis.

Early Warning System

Developed a prediction system at NEXT Ventures to detect late anomalies in traders' historical data, leveraging PostgreSQL and Python for core logic implementation, and Metabase for data visualization.

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.

Deep Learning Based Football Player Detection ↗

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

🧠 SKILLS

Python, C++ • **MySQL & PostgreSQL** • **ML, DL, LLM Packages & Tools** — NLTK, OpenAI, LangChain, Hugging Face, Scikit-learn, TensorFlow, Keras, OpenCV • **Decent theoretical knowledge on ML, LLM, OOP & Database** •
Data Analysis & Visualization — Exploratory data analysis, data cleaning, feature analysis, and visualization using Pandas, NumPy, Matplotlib, Seaborn • **Business Intelligence & Analytics** — Metabase (SQL-based data models, interactive dashboards, business metrics) & Power BI • **Familiar with fundamentals of AWS & Docker** • **Problem Solving:** — Top SQL 50 (LeetCode), Introduction to Pandas | (LeetCode), 100 problem solves (LeetCode)

✏️ EXTRA-CURRICULAR ACTIVITY

President,   2021 – 2023
International Islamic University Chittagong Debaters Community ↗

Debate Secretary,   2022 – 2023
International Islamic University Chittagong Computer Club ↗

🏅 AWARDS & HONORS

Axel Adler Scholarship, *University of Gothenburg*   2025

Debater of the tournament, *ICARUS II-Inter Club 2022* ↗   2022

Participant, *IT Delhi Parliamentary Debate 2021*   2021

Runner-up, *Kishwan-EDUDS national debate championship 2020* ↗   2020

Participant, *Pre-Korea World University Debating Championship 2021* ↗   2020