






# Adib Wahid Quader

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📍 Göteborg, Sweden

## EDUCATION

**Master in Language Technology**, *University of Gothenburg*

Aug 2025 – Present | Gothenburg, Sweden

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


2018 – 2023 | Chittagong, Bangladesh

## 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 Development.

## 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

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### **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


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**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, Metabase • **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

## EXTRA-CURRICULAR ACTIVITY

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

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


## AWARDS & HONORS


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**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