

# Adib Wahid Quader

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🐙 [github.com/Aveiro11](https://github.com/Aveiro11)    🔗 [https://leetcode.com/u/Major\\_Stroheim/](https://leetcode.com/u/Major_Stroheim/)

## 🎓 EDUCATION

2018 – 2023

**B.Sc in Computer Science and Engineering,**  
*International Islamic University Chittagong*  
**CGPA:** 3.3 out of 4.00

## 💼 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 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

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

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### 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

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**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

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**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:

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

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

## AWARDS & HONORS

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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

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**English** — Fluent  
IELTS band score: 7.5

**Bengali** — Native/Bilingual