

Ibney Tousif Rupom

Roll No.: 20241003

BSc in Computer Science

BRAC University, Dhaka

📞 01994872871

✉ itbangladesh.47@gmail.com

🐙 github.com/ibneytousif

🌐 LinkedIn Profile

EDUCATION

•Bachelor of Science in Computer Science

2020-24

BRAC University, Dhaka

UNIVERSITY PROJECTS

• Sentiment Analysis Project

The project performs sentiment analysis on the IMDB dataset using Recurrent Neural Network Architecture .

- Performed sentiment analysis on the IMDB dataset using SimpleRNN, Unidirectional LSTM, and Bidirectional LSTM models, incorporating GloVe word embeddings for robust word representation and achieving insightful performance evaluations across architectures
- Developed three sentiment analysis models: a **SimpleRNN** with 128 units, an **LSTM** with 10 units, and a **Bidirectional LSTM** with 10 units, each using GloVe embeddings and a dense layer with sigmoid activation for classification. .
- Project link
- Project Report Paper

• Football Match Prediction

The project aim is to design a predictive model which is capable of accurately predicting if the home team will win a football match?.

- The prediction system works by integrating SVM and Logistic Regression.
- The initial accuracy was limited, but future enhancements could include integrating real-time data, such as player statistics, recent performance, and sentiment analysis from social media, to improve prediction accuracy
- Dataset
- Project Link

TECHNICAL SKILLS AND INTERESTS

Languages : Python, Javascript, HTML+CSS

Libraries : Python Libraries, ReactJs

Web Dev Tools: Nodejs, VScode, Git, Github

Frameworks: ReactJs ,Django

Cloud/Databases: MongoDB, Firebase, Relational Database(mysql)

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability