ANON HOSSAIN

I'm a dedicated AI enthusiast with experience in building smart AI based solutions. Quick to adapt and detail-oriented, I stay current with the latest in NLP and machine learning. My vision is to create impactful AI tools that solve real-world problems and deliver meaningful value.

Contact

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Certificates

- 3 Minute Thesis Compilation
- DIU Data Science Summit 2024 National Project Showcase.
- IBM Data Science Professional Course

Education

- **Daffodil International University**

B.Sc in Software Engineering

Major in Data Science (2021-2025)

CGPA: 3.7+ out of 4.00

- **HSC (2020)**

Amrita Lal Dey College
GPA: 5.00 out of 5.00

- **SSC (2018)**

Adventist International Mission School
GPA: 4.82 out of 5.00

Skills

Technical: SQL, Python, API, Microsoft Office, Google Colab, Orange ML. Machine Learning, Deep Learning

Analytical: Data Analysis, Pre-processing, Data Load, Transform, Extracting Visualizing and Reporting.

Soft Skills: Scope, Time, Cost, Risk Management.

Reference

- **Professor Dr. Syed Akhter Hossain**

Dean and Professor of CSE
deanfsit@daffodilvarsity.edu.bd

- **Dr. Imran Mahmud (Supervisor)**

Professor and Head
imranmahmud@daffodilvarsity.edu.bd

- **Nahida Akter**

Business Manager at Oracle
Bangladesh Limited
nahida1710@gmail.com

Experience

● **Head of Documentation**   Oct 2023 - Present

Daffodil International University Model United Nations

Organizer of DaffodilMUN23 as USG of Documentation. (**Influenced 67 Personnel**)

Being a head of Documentation I have learned to collaborate with different departments like finance, transport, hospitality, delegation affairs, food, academic research and others.

Project

● **CV Project** Project Link: Click Here   ▶ Demo Video

Developed an AI-based tool that analyzes resumes against job descriptions. For candidates, it shows match percentage, missing skills, improvement suggestions, and potential interview questions. For HR, it automates CV sorting, filters low matches, extracts candidate details to Excel, sends emails, and generates personalized interview questions in DOCX format.

● **Machine Learning Model for Banknote Authentication**

Developed a machine learning model to classify **real or fake banknotes using Python**. Implemented **K-Nearest Neighbor, SVC, and Perceptron classifiers.** Analyzed different data splitting ratios and optimized model accuracy, achieving up to 100% accuracy.

Project Link: Click Here

● **Health Behavior Prediction using Ensemble Learning**

Built a predictive model using physiological data with **feature engineering (e.g., BMI)** and feature ranking. Applied ensemble methods (**Voting, Bagging, Boosting, Stacking**), tuned XGBoost and LightGBM using **GridSearchCV**, and used **K-Fold CV**. Final XGBoost model saved as .bin.

Project Link: Click Here

● **Credit Card:** Project Link: Click Here

Developed **Power BI** dashboards for credit card analysis and transaction insights, using **Postgres SQL** for data integration. Achieved a 28.8% revenue increase and **mastered SQL-Power BI integration** for impactful decision-making.

Achievements

- **1st Runner-Up** in the 3-Minute Thesis Competition organized by Daffodil International University in collaboration with the **University of Queensland**, Australia. Presented "HR Helper: AI Solution for HR," highlighting AI-driven innovations in HR management.
- **2nd Runner-Up** at the 4th DIU Data Science Summit 2024 National Project Showcase Competition, Daffodil International University – Presented "AI ATS Resume Analyzer & Extractor," an AI-driven solution for resume analysis and extraction. Project **recognized by Chairman** sir of Daffodil Family.

Extra Curricular Activities

Model United Nations:
- NSTU Conference 2024: Represented Guyana in the Security Council.
- Leading International University 2022: Represented Gambia in UNICEF.
- Rajshahi University Conference 2020: Represented Jordan in the Specialized Committee for Bangladesh Affairs