Mir Ariyan Shuddho

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SUMMARY

Motivated Computer Science and Engineering student specializing in Data Science, with a solid foundation in programming, statistics, and machine learning. Proven ability to analyze complex datasets and develop innovative models for real-world problem-solving. Expertise includes deep learning, predictive modeling, and data visualization, complemented by hands-on experience in end-to-end data science solutions.

EDUCATION

Bachelor of Science in Computer Science & Engineering | 2020-2025
East West University Dhaka
- Relevant Coursework: Programming, Web design, Data Analysis, Artificial Intelligence Mathematics
- CGPA: 3.48/4.00

EXPERIENCE

1. University Intern Project | 2024-2025| East West University
- **IoT and Deep Learning-Based Water Quality Monitoring System.**

This was an internship project for university. It was a smart water quality monitoring system which can determine some of the important parameters in water for fisheries with the help of IoT sensors and the deep learning model predicts the quality of the water

2. Sales Executive|2025| Softvence Agency, Dhaka

PROJECTS

- **FIFA WORLD CUP Database: T**he project was to build a dummy FIFA WORLD CUP 2022 database via Oracle Apex with the help of SQL.
- **Music Recommendation System:** The project was a simple recommendation system using collaborative filtering. The machine learning algorithm was SVD (Singular Value Decomposition).
- **PCB Fault Detection:** It was a research-based project to detect the early faults of motherboards of 3 different models of laptops. It can detect the faults via image processing using YOLOv8 model. It is an effective project for sustainability.

RESEARCH PUBLICATION

- **An Integrated Approach Real-Time Face Recognition System Using Haar Cascade Classifiers and Eigen Faces**
- **A Proficient Convolutional Neural Network for Classification of Bone Age from X-Ray Images**
- **Prediction of Cotton Percentage from Fabric Image Using Deep Learning**

SKILLS

- Python
- SQL
- Power BI
- Cloud platforms
- Excel
- PowerPoint
- HTML
- CSS
- Tableu
- Presentation preparation
- Leadership development
- Critical thinking
- Teamwork

LANGUAGE

- English
- Bangla

REFERENCE

- M. Saddam Hossain Khan, Senior Lecturer, Department of Computer Science & Engineering, East West University, saddam.cse@ewubd.edu
- Dr. Mohammad Salah Uddin, Associate Professor, Department of Computer Science & Engineering, East West University, uddin@ewubd.edu