

Fannana Fahreen Anan

Machine Learning and AI Enthusiast — Data Analytics — Programming Languages

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Summary

Driven and curious fresh graduate in Computer Science and Engineering, passionate about data science, analytics, machine learning, and AI. Experienced in Android development and eager to explore new areas in technology with dedication and enthusiasm.

Education

North South University, Dhaka, Bangladesh

B.Sc. in Computer Science and Engineering

Score: Above 80%

Technical Skills

- **Programming Languages:** Python, SQL, Kotlin, C
- **Machine Learning Frameworks:** Scikit-learn, TensorFlow
- **Data Analytics Tools:** Excel, Power BI, Power Query, Power Pivot
- **Development Tools:** Android Studio, XML

Projects

Heart-Failure Prediction

GitHub

Implemented binary classification using numerical and categorical features, feature engineering, data scaling, and visualization to enhance data interpretation.

Mobile Clinic (Android Application)

GitHub

Developed an Android app for doctor consultations using Kotlin and XML in Android Studio, utilizing Firebase for database management.

SQL and Python Analysis

GitHub

Analyzed e-commerce data using SQL, extracting insights on customer demographics, sales trends, and product performance through efficient query design.

Thesis

Multimodal Based Medical Dataset Creation

Created a multi-modal medical dataset using Roboflow, annotating images of nail psoriasis, acne, vitiligo, and SJS-TEN with disease-specific regions. The dataset combines image annotations with textual descriptions, enabling the application of deep learning (DL) and natural language processing (NLP) techniques. This dataset aims to aid in the development of advanced diagnostic tools to improve disease detection and management.

Extracurricular Activities

Theatre Club, North South University (2022-2024)

- General Member, actively participated in club activities.
- Gained experience in leadership, event management, and teamwork.

Dancing Events, North South University

- Participated in university-level dancing events.
- Developed creativity, coordination, and performance skills.