Contact

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Technical Skills

Programming Languages
- C
- Java
- Python (Framework/Libraries: NumPy, Pandas, MatPlotlib, PyTorch)

Data Science
- Machine Learning
- Deep Learning (Introductory Level)

Software Engineering & Tools
- Object-Oriented Programming (OOP)
- Data Structures & Algorithms (DSA)
- Software Requirement Analysis & Documentation

Databases
- MySQL (Basic)

Tools
- Ms Word
- PowerPoint
- Ms Excel
- Canva

Soft Skills

- Clear and Effective Communication
- Time management and punctuality
- Responsibility and reliability
- Ability to work under academic pressure
- Ability to explain technical concepts patiently

Language

- English – Proficient
- Bengali – Native

Reduana Afrin Rydi

Software Engineering Student | Final-year

Github | LinkedIn

B.Sc. in Software Engineering student majoring in Data Science at Daffodil International University with CGPA: 3.81/4.00. A responsible and motivated individual with a strong interest in teaching and student mentoring. Intends to contribute as a dedicated Teaching Assistant by providing consistent and reliable support to faculty in lectures and lab sessions, assisting students with course materials, and willingly taking responsibility for assigned academic tasks. Demonstrates a strong work ethic, a proactive attitude, and the ability to handle challenging responsibilities with confidence while maintaining a positive and effective learning environment.

Academic Projects

Student Management System

Technology: C
- Developed a student management system using C to manage student records efficiently.
- Implemented functionalities including student information storage, update, search, and deletion.
- Strengthened understanding of data handling, file operations, and logical problem-solving.

ATM System

Technology: Java
- Built an ATM simulation system using Java based on object-oriented programming concepts.
- Implemented features such as user authentication, balance inquiry, cash withdrawal, and transaction handling.
- Focused on clean class design and basic exception handling.

DeliveryWala (Business- Project)

Role: System Design & Documentation
- Prepared complete software system documentation, including system design diagrams.
- Designed approximately nine standard diagrams, including use case, class, sequence, activity, and ER diagrams.
- Demonstrated strong understanding of software engineering principles, requirement analysis, and system modeling.

Education

Bachelor of Science (B.Sc.) in Software Engineering
Major: Data Science
Daffodil International University
2023 – Present
CGPA: 3.81 / 4.00

Higher Secondary Certificate (HSC)
Siddheswari Girls' College, Dhaka
Group: Science
2020
Result: GPA 5.00 (Golden)

Secondary School Certificate (SSC)
Shibrampur High School
Group: Science
2018
Result: GPA 5.00 (Golden)