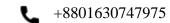
SUBRINA SIRAJEE





LinkedIn Profile



WORKING EXPERIENCE

Anchorblock Technology LLC

Data Science X Quant Fellow (2023/11 ~ Present)

- Built & analyzed Python-powered portfolios for optimized investment decisions.
- Backtested strategies with **Zipline** for data-driven performance assessments.
- Generated tearsheets using **Pyfolio** & **Quantstats** for performance insights.

Inflexionpoint Technologies (BD) Ltd

AI Trainer (2023/08/01 ~ 2023/08/31)

- Designed & delivered comprehensive AI training program, upskilling intern engineers.
- Developed clear & engaging training materials to accelerate AI knowledge acquisition.
- Implemented effective evaluation methods to track student progress & guide development.

Apurba-DIU Research & Development Lab

Research Assistant (2022/04 ~ 2023/04)

- Massively expanded AI text recognition capabilities by generating, annotating & segmenting 1 million dynamic handwriting samples for an advanced Bengali OCR model.
- Rigorous font testing ensured launch-ready Font Interoperability Engine.

EDUCATION

Daffodil International University

B.Sc. in CSE (2019/05~2023/08)

CGPA: **3.92/4.00**

RESEARCH & PROJECTS

• Movie Recommender System (2023/09~2023~10): Github Reference

Developed a system using **NLP** and **ML** techniques (**CountVectorizer**, **Cosine Similarity**) for personalized movie recommendations.

Created a dynamic Bangla chatbot focused on admissions using a **Transformer Model**.

• EDA of Bangla Chatbot Dataset (2022/08 ~ 2022/11) : Github Reference

Performed an extensive EDA to understand dataset characteristics using various **NLP** techniques.

• Heart Failure Prediction (2021/09 ~ 2021/11) : GitHub Reference

Designed a project utilizing **Data Visualization** and **ML** algorithms with high accuracy rates.

• Banking System (2021/04 ~ 2021/06): GitHub Reference

Implemented a banking system in **Python** with **SQL**, managing various transactions.

ADDITIONAL EXPERIENCE AND AWARDS

- Won 1st place in DIU Battle of Minds 2.0 (2020), the most prestigious business idea pitch competition, by developing a Conversational AI Agent that streamlines student inquiries on department availability, tuition fees, and course curriculum. (Certificate)
- Ranked 11th out of 300+ participants in DIU Takeoff Programming Contest 2019, demonstrating strong coding skills and problem-solving abilities.(Certificate) (Ranking Screenshot)
- Achieved top 0.3% (1949th out of 6000+) in Google Code Jam to I/O 2021, placing me among the elite coders worldwide and showcasing my talent in competitive programming. (Certificate)

TECHNICAL SKILLS

- Python C++ Data Structure Algorithm MySQL Data Analysis Machine Learning
- Deep Learning TensorFlow Scikit-learn

CODING PROFILES (TOTAL SOLVED 600+)

• URI(193) • GeeksforGeeks(150) • Codeforces(107) • LeetCode(101) • Others(70+)

EXTRACURRICULAR ACTIVITIES

- Junior Researcher of DIU NLP & ML Research Lab(2022/06 ~ 2022/12)
- Volunteer of National Girls' Programming Contest 2021-(Certificate)
- Executive Member of DIU Girls' Computer Programming Club (2021/06 ~ 2021/12)-(Certificate)