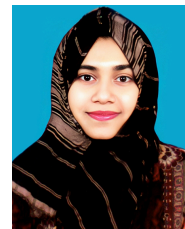


| Basic Information 基本情報

Name	SUBRINA SIRAJEE サブリナ シラジ
Date of birth	1999/12/24
Current Address	Haisahar Housing Estate, Block – B, Road No – 04, House No- 38, Chittagong, Bangladesh
Contact Number	+8801630747975
E-mail	subrina98sirajee@gmail.com
Portfolio link	Personal Portfolio GitHub LinkedIn



| Technical Skills 技術スキル

A = Professional project Experience, B=Highly confident skill, C = Personal / Academic Project Experience, D = Theoretical Knowledge

Programming Language	Level	Database	Level	Framework	Level	Others	Level
Python	A	MySQL	C	Tensorflow	B	Data Analysis	A
C++	B			Scikit-learn	B	Data Structure and Algorithm	B
C	B					OOP	B
Java	C					Machine Learning	B

| Professional Working Experience 職歴

Company Name	Obboy Labs Limited
Job Title	Financial Analyst
Job Responsibilities	1. Develop and maintain financial models for forecasting and decision-making purposes. 2. Gather, organize, and interpret financial data from diverse sources to extract actionable insights. 3. Prepare concise and accurate reports and presentations summarizing key financial metrics and performance trends.
Technology / Language Use	Language: Python, Software: MS Excel
Duration	2024/03 ~ 2024/05

Company Name	Anchorblock Technology LLC
Job Title	Intern (Quantitative Analyst)
Job Responsibilities	1. Built & analyzed portfolios using python for optimized investment decisions. 2. Backtested various strategies to assess strategy performance.
Technology / Language Used	Language: Python Library: Zipline, Statsmodels, Scikit-learn, Yfinance, Pandas, Numpy, Matplotlib, Quantstats. Indicators: Bollinger Bands, MACD, SMA
Duration	2023/11 ~ 2024/02

Company Name	Apurba-DIU Research & Development Lab
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Job Title	Research Assistant
Job Responsibilities	1. Contributed to the Font Interoperability Engine Project as a Font Tester. 2. Generated 1 million handwritten data. 3. Worked on National Screen Reader software as a Tester.
Duration	2022/04 ~ 2023/03

| Professional Project Experience 仕事としての経験

Duration	Project Details	Technology Used	Role
2024/01/01 ~ 2024/01/15	Project Title : Stock Signal Prediction (Github Reference) Project Overview : Established a module by leveraging Bollinger Bands, MACD, SMA, and LSTM model for precise buy, sell, and hold signal generation. Total Number of Members : 02	Language : Python Library : Zipline, Statsmodels, Scikit-learn, Yfinance, Pandas, Numpy, Matplotlib, Quantstats. Indicators: Bollinger Bands, MACD, SMA.	Role : Quant Analyst Name of Part : Strategy and model implementation.
2023/12/01 ~ 2023/12/31	Project Title : Trend Following Strategy (Github Reference) Project Overview : Implemented trend following strategy by leveraging single Bollinger Bands, single MACD and combined bollinger bands and MACD for backtesting.	Language : Python Library : Zipline, Statsmodels, Scikit-learn, Yfinance, Pandas, Numpy, Matplotlib, Quantstats. Indicators: Bollinger Bands, MACD, Ensemble(Bollinger Bands and MACD)	Role : Quant Analyst

| Academic or Personal Project Experience 学習のための経験

Duration	Project Details	Technology Used
2024/01 ~ 2024/02	Project Title : Machine Health Prediction (Github Reference) Project Overview : Initiated and implemented a machine health forecasting system by leveraging data labeling and machine learning pipeline integration.	Language : Python Library : Statsmodels, Scikit-learn, Pandas, Numpy, Matplotlib, Seaborn, xgboost, joblib.
2023/09 ~ 2023/10	Project Title : Movie Recommender System (Github Reference) Project Overview : Developed a system using NLP and ML techniques (CountVectorizer, Cosine Similarity) for personalized movie recommendations.	Language : Python Library : Scikit-learn, Pandas, Numpy, nltk, ast.
2022/12 ~ 2023/06	Project Title : Dynamic Bangla Chatbot (Github Reference) Project Overview : Created a dynamic Bangla chatbot focused on admissions using a Transformer Model .	Language : Python Library : pyforest, re, Scikit-learn, Pandas, Numpy, nltk, matplotlib.
2022/08 ~ 2022/11	Project Title : EDA of Bangla Chatbot Dataset (Github Reference) Project Overview : Performed an extensive exploratory data analysis to understand dataset characteristics using various NLP techniques .	Language : Python Library : Scikit-learn, Pandas, Numpy, nltk, os, unidecode, matplotlib.

| Academic Background 学歴

Degree	B.Sc. In Computer Science and Engineering		
University Name	Daffodil International University		
Duration	2019/05~2023/08		
Passing Date	2023/09	CGPA	3.93/4.00

| Language Skills 言語スキル

Language	Reading	Writing	Listening	Speaking
Bengali	Excellent	Excellent	Excellent	Excellent
English	Good	Good	Excellent	Excellent
Japanese	Beginning(learning)	Beginning(learning)	Beginning(learning)	Beginning(learning)

| Special Achievements 受賞歴など

- Won 1st place in DIU Battle of Minds 2.0 (2020) ([Certificate](#))
- Ranked 11th out of 300+ participants in DIU Takeoff Programming Contest 2019 ([Certificate](#)) ([Ranking Screenshot](#))
- Achieved top 0.3% (1949th out of 6000+) in Google Code Jam to I/O 2021 ([Certificate](#))

| Coding Profiles コーディングプロフィール

- Total Solved 600+ problems
- [URI](#)(193) • [GeeksforGeeks](#)(150) • [LeetCode](#)(112) • [Codeforces](#)(107) • Others(70+)

| EXTRACURRICULAR ACTIVITIES 課外活動

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