MD SAMIUL ISLAM

samiulislambracu@gmail.com; +8801751382318; github.com/cosmicray001; linkedin.com/in/cosmicray001;

Education:

BRAC University January 2017 - May 2021

Bachelor of Science in Computer Science and Engineering

Work experience:

[01] Problem Setter at Toph.co Online Judge.
- Created problems for programming contests.
- Arranged programming contests, and played a role as a moderator.

[02] Trainer & Mentor.
- Played a role as a trainer at university programming bootcamps.
- Was a mentor for grooming junior programmers.

Technical Skills:

Programming Language: C/C++, JAVA, Python.
Web Programming: HTML, CSS, JS.
Operating System: Linux.

Database: Sql. **Version Control:** Git.
Framework: Django, Django-Rest-Framework.
Tools: VS Code, PyCharm IDEA, Code::Blocks IDE.

Programming Contest Participation:

Title of the Contest	Year of Participation	Achievement
BRACU Intra University Programming Contest	2018	Champion
IEEE Xtreme 13.0	2019	5th (In Bangladesh)
UITS Inter-University Programming Contest	2019	8th
IUB IEEE Inter-University Programming Contest	2019	12th
MIST National Collegiate Programming Contest	2020	75th
International Collegiate Programming Contest, Dhaka Regional	2018	Top 50%

Projects:

[01] New York City Taxi Fare Prediction. *August 2020 - September 2020*

*T*his ML project can predict New York City Taxi Fare using a linear model. Data cleaning, feature engineering, and data visualization are also applied here.

Technology used here: **Numpy, Pandas, Matplotlib, Linear-regression.** ⤴**https://git.io/JkpZT**

[02] Appointment System. *January 2020 - April 2020*

*U*sing this appointment system, a car owner can book slots under a desired mechanic. There is also an admin panel where an administrative person can monitor and organize the whole system.

Technology used here: **Frontend: HTML, CSS, JS; Backend: PHP, MySql.** ⤴**https://git.io/JILEP**

[03] Climate Modeling and Simulation. *September 2019 - December 2019*

*T*emperature anomaly and greenhouse gas emission rate forecasting using time series analysis. Visualized the carbon emission rate in different areas using geopandas and predicted the scenario for the next 50 years.

Technology used here: **Geopandas, Numpy, Pandas, Matplotlib.** ⤴**https://git.io/JIL0y**

Area of Interest:
- Microservices.
- Distributed computing.
- Linux/Unix

Languages:
- English - Proficiency.