MD SAMIUL ISLAM

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Education:

BRAC University January 2017 - December 2020 (expected)
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: PHP, HTML, CSS, JS.
Operating System: Linux.
Database: MySql.
Version Control: Git.
Tools: VS Code, IntelliJ 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.
*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.
The technology used here: **Numpy, Pandas, Matplotlib, Linear-regression.** **https://git.io/JkpZT**

[02] Appointment System.
*U*sing this appointment system, a car owner can book slots under a desire mechanic. There is also an admin panel where an administrative person can monitor and organize the whole system.
The technology used here: **Frontend: HTML, CSS, JS; Backend: PHP, MySql.** **https://git.io/JILEP**

[03] Climate Modeling and Simulation.
*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.
The technology used here: **Geopandas, Numpy, Pandas, Matplotlib.** **https://git.io/JIL0y**