MD SAMIUL ISLAM

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

Education:

BRAC University January 2017 - December 2020(expected)
B.S. in Computer Science and Engineering

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	2017	Champion
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IEEE Xtreme 13.0	2019	5th (In Bangladesh)
UITS Inter-University Programming Contest	2019	8th
IUB IEEE Inter-University Programming Contest	2019	12th
AUB Inter-University Programming Contest	2018	24th
National Collegiate Programming Contest	2018	80th
International Collegiate Programming Contest, Dhaka Regional	2018	Top 50%

Work experience:

[01] Problem Setter in Toph.co Online Judge January 2018 - December 2019
Toph is where competitive programmers participate in programming contests, solve algorithm and data structure problems and become a part of an awesome community. I had Created problems and managed programming contests there.

[02] Trainer & Mentor May 2019 - May 2020
Played a role as a trainer at university programming bootcamps and was a mentor for grooming junior programmers.

Projects:

[01] New York City Taxi Fare Prediction August 2020 - September 2020
In this ML project, I've tried to 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.**
Link → (github.com/cosmicray001/New_York_City_Taxi_Fare_Prediction).

[02] Appointment System January 2020 - March 2020
Using 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.**
Link → (github.com/cosmicray001/appointmentSystem).

[03] CNC Handwriting Machine using Arduino & CNC Shield September 2018 - November 2018
CNC Machines are Computerized Numerical Control Machines that are used to draw anything or design any mechanical parts according to the design program fed into their controller unit. The purpose of this project is to write English sentences on paper from the input.