Aniruddha Ganguly

Student

Engineering Student | Machine Learning and Data Science Enthusiast | Musician

✉ aniruddhags3927@gmail.com

📱 +8801816394369

📍 Dhaka, Bangladesh

in linkedin.com/in/aniruddha-ganguly-91b707136

⊙ github.com/ags3927

SKILLS

Machine Learning

Web Dev   Blockchain

Version Control

LANGUAGES

English
Full Professional Proficiency

Bangla
Native Speaker

Spanish
Limited Working Proficiency

FRAMEWORKS AND TOOLS

NodeJS   MongoDB

PyTorch   Tensorflow

Hyperledger Fabric

Java   Python

Google Cloud Platform

Oracle Database

Ethereum

EDUCATION

Computer Science & Engineering
Bangladesh University of Engineering and Technology
02/2017 – Present   *CGPA - 3.73*

Courses
- ☐ Data Structures and Algorithms
- ☐ Software Engineering and Information System Design
- ☐ Database Systems and Management
- ☐ Computer Architecture

RESEARCH AND PROJECTS

Detecting 3D Objects in Point Cloud
- ☐ A novel framework to detect 3D objects in real time using transfer learning from pre-trained 2D object detectors in collaboration with LIDAR sensor data.
- ☐ Implements sensor fusion (2D Camera, LIDAR data) in the model.
- ☐ Currently in progress.

Corona in Bangladesh
- ☐ A non-profit information hub for COVID-19 pandemic situation in Bangladesh
- ☐ Recognized by the Government of Bangladesh as an authentic source of information

Traanchitro
- ☐ A web platform to coordinate relief activities in Bangladesh

Automated Code Correction and Error Recovery - C and C++
- ☐ A framework to intelligently provide error recovery tips to beginners learning C and C++ programming languages.
- ☐ Currently in progress.

WORK EXPERIENCE

Course Instructor - Mathematics
10 Minute School
11/2016 – 05/2017   *Dhaka, Bangladesh*
Online learning platform. Free of cost education for students of Bangladesh. School, High school, College, University and extra curricular tutoring.

ORGANIZATIONS

Computer Society - IEEE BUET Student Branch (06/2019 – Present)
Publication and Outreach Secretary

COURSES AND CERTIFICATES

Deep Learning Specialization by deeplearning.ai - Coursera
A five course specialization on deep learning - Andrew Ng.

Complete Guide to TensorFlow for Deep Learning with Python by Jose Portilla - Udemy
Using TensorFlow with Python. Implementing basic neural networks, CNNs, RNNs and more using tensorflow.

ACHIEVEMENTS

Champion - Blockchain Olympiad Bangladesh 2020
Designed a holistic architecture and business model for a Blockchain based health information management system.

Honorable Mention – Hackathon on Blockchain, BUET CSE Fest 2019
Implemented a local blockchain network incorporating smart contracts programmed using Solidity programming language.