Md. Akbar Hossain

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SKILLS

- Programming Languages : C, C++, Java, Python, Javascript
- Artificial Intelligence : Machine Learning, Scikit Learn, Tensorflow, Keras, SHAP, Pandas, Numpy, Matplotlib, LIME, OpenCV, Deep Learning
- Database Experience : PostgreSQL, Firebase, MySQL
- Development Platform : Web, Android
- Backend Frameworks : Django, Django REST API
- Good concepts in basic Data Structures and Algorithms.
- Excellent analytical and problem-solving ability.
- Version-control System : git

Achievements

- Ranked 7th in BUBT intra University Programming Contest-2019
- Ranked 1488 in LeetCode contest
- Python (Basic) Certificate from Hackerrank
- Python Core Certificate from Sololearn
- Data Science Foundations Certificate
- Intermediate Python Certificate from Sololearn
- Solved 250+ problems online judge

Publications

[An LSTM-Based Forecast Of COVID-19 For Bangladesh](An-LSTM-Based-Forecast-Of-COVID-19-For-Bangladesh)

Proceedings of International Conference on Fourth Industrial Revolution and Beyond 2021

Education

Bangladesh University of Business and Technology
B.Sc in Computer Science and Engineering
February 2018 - December 2022
CGPA : 3.80 / 4.00

Experience

ICT Division Project

November 2023 - PRESENT

- Working with Python.
- Teaching Python.

Projects

- [Koala Detection](Koala-Detection) (2023)
  A simple machine learning project for object detection, developed using the YOLO version 8 algorithm in python and machine learning.

- [Pneumonia Detection](Pneumonia-Detection) (2023)
  A research work for detecting Pneumonia from X Ray Images, developed using Deep Learning technique. For real time use develop an android app using Java and Android Studio.

- [Brain Tumor Detection](Brain-Tumor-Detection) (2023)
  A research work for detecting Tumor from X Ray Images, developed using Deep Learning technique. Built an android app.

- [Stroke Prediction (2022)](Stroke-Prediction)
  A research work for predicting stroke , developed using Machine Learning and Explainable AI.

- [Covid Forecast for USA and India](Covid-Forecast-for-USA-and-India) (2022)
  A research work for forecast COVID-19 , developed using LSTM.

- [Chat App](Chat-App) (2021)
  an android app. Using it, people can chat with each other. To develop this I have used java, android studio, and FireBase database.

- Pac-Man-Game(2018)
  A simple game with C, C++ and file storage.

- More projects are in github repo