

MD SAIDUL ISLAM

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Dhaka, Bangladesh

ABOUT ME

- I am a curious, energetic, hardworking, ambitious, and flexible person who is mature enough to respond according to the responsibility that I am undertaken. I have an inclination to update myself with new technology and have a great passion to do research in the field of Deep Learning, Computer Vision, and Image Processing.

EDUCATION

Daffodil International University

Bachelor in Software Engineering

Jan 2016 – Jul 2020 Dhaka, Bangladesh

- Software Engineering Major GPA: 3.36/4.0

Govt Safar Ali College

Higher Secondary School Certificate Examination

Jun 2012 – Jun 2014 Dhaka, Bangladesh

- Group: Science GPA: 5.0/5.0

Araihazar Pilot High School

Secondary School Certificate Examination

Jan 2007 – Dec 2011 Dhaka, Bangladesh

- Group: Science GPA: 5.0/5.0

IELTS

- Overall Score: 6.5
- Listening-6.5, Writing-6.5, Reading-6, Speaking-6

GRE

- Score: 290
- Quantitative Reasoning-147, Verbal Reasoning-143, Analytical Writing-3.0

RESEARCH INTERESTS

Deep Learning Computer Vision Image Processing
Pattern Recognition Machine Learning Data Mining

RESEARCH EXPERIENCE

- Bachelor Final Year Thesis
Title: Priority Based Task Scheduling for Cloud Computing where I present a priority-based task scheduling for Cloud Computing that mainly focused on the impact of Bandwidth on cloud efficiency.
Dept of Software Engineering,
Daffodil International University

PROJECTS

Emergency Call Data Analysis

- The emergency telephone number for the North American Numbering Plan '911' data is analyzed with Numpy, Pandas, and seaborns. The objective was to find out the reason behind the emergency call, the time, and the reason behind the abnormalities with the statistical method from the Emergency call.

Sales Data Analysis

- The sales data is analyzed with the Numpy, Pandas, Matplotlib to find out some analytical answers from the sales data using the Statistical method.

Complain Box

- The motive of this project to develop a web-based project where the residents of Dhaka City People can drop their problem for instance drainage and waterlogging, dustbin, Utility, road damaged, manhole missing problems to the responsive authority and authority can respond against the problems. It is actually transforming the physical complaint box into a virtual one to address the problems of Dhaka City people by C Sharp, JQuery, Javascript, Bootstrap, HTML, and CSS.

Tele-Doctor

- The object of Tele-Medicine software is to make it as easy as possible for patients to get the care they need from anywhere. Patients can connect in the way that is easiest for them, wherever they are. They can seek medical attention from their disease respective doctors.

Super Shop Management System

- The motive was this project to develop a software to manage the sale, stock system of a super market and this was my first university group project developed using C.

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WORKSHOP/SEMINARS

Workshop on Artificial Intelligence
The expansion of machine Learning

Oct 3, 2018 Dhaka, Bangladesh

Seminars on Machine Learning Research

Jan 23, 2019

Dhaka, Bangladesh

Seminars on Health Tech in Bangladesh: Scopes and Challenges

Feb, 2020 Basis Soft Expo, Bangladesh

URI ONLINE JUDGE

- I am an active problem solver in URI online Judge and Solved 146 problem in Python.
Profile: www.urionlinejudge.com.br/judge/en/profile/117488

SOFT SKILLS

Communication Teamwork Flexibility Self-Management
Problem Solver Confidence

SOFTWARE SKILLS

Jupyter Notebook Codeblock Matlab Latex
Visual Studio Code SPSS MS Visual Studio Cloudsim

TECHNICAL SKILLS

SQL C SHARP Python C Django HTML, CSS, Bootstrap
TensorFlow Machine Learning BeautifulSoup
Deep Learning

PROJECTS

Human Activity Recognition

- The objective of this project is to build a model to predict the human activities for instance Walking, Jogging, Upstairs, Downstairs, Sitting, Standing with wireless Sensor Data Mining Data. The accelerometer readings are divided into gravity acceleration and body acceleration readings, which have x, y, and z components each. The convolutional Neural Network classifier is used to classify these activities.

Face Recognition

- The objective of this project is to detect and recognize a face using OpenCV library of Python. With the local binary patterns histogram face recognizer, the face is recognized and at last, testing is done.

Stock Market Prediction

- This project's aim is to predict the price of a stock using a special RNN called Long Short Term Memory (LSTM). An exploratory data analysis is done using Pandas, Numpy, and Matplotlib, and LSTM model is built to predict the price.

Flip kart Web Scrapping

- The objective of this Project is to extract useful information from Flip Kart, an e-commerce site to find out the trending products. To do this, BeautifulSoup, a popular python library is used.

Titanic Data Analysis

- The purpose of this project was to gain an introductory exposure to programmatic data analysis concepts, by analyzing the factors that determined whether a passenger survived the Titanic disaster or did not. Exploratory data analysis is done with Numpy, Pandas and Logistic Regression classifier is used to predict the survival factor.

PDF Report Generating

- The motive of this project was to learn how to generate a pdf report! For this, by Fpdf library of python, a pdf report is generated from the John Hopkins University's Covid-19 Data.