

Md. Zarif Ul Alam

CS UNDERGRAD

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About Me

I am currently pursuing my B.Sc. from Department of Computer Science and Engineering, BUET and is in 3rd Year. Besides enjoying problem solving, my interest is in Computer Vision and Reinforcement Learning. I like to work on small pet projects of my own whenever I have some idea.

Education

Bangladesh University of Engineering and Technology (BUET)

Dhaka, Bangladesh

B.S. IN COMPUTER SCIENCE AND ENGINEERING

April 2018 - Present

- CGPA : 3.87/4
- Dean's List Award Recipient for all completed semester
- Received Scholarship of Merit in 2 semester

Skills

Programming Languages	C++, Python, Java, C#, LaTeX
Frameworks	TensorFlow, Keras, PyTorch, Django, JavaFx
Database	Oracle
Tools	Git, Bash

Projects

innOcity

WEB DEVELOPMENT, DATABASE, DJANGO, ORACLE

Dec. 2020

- Created a hotel booking platform using Oracle database and Django framework

T-Rex On Mars

UNITY GAME ENGINE

Aug. 2020

- Recreated the old classic game T-Rex from scratch using Unity

Fourier Art

JAVASCRIPT, P5.JS

Mar. 2020

- Implemented Discrete Fourier Transform to draw art shape

Route de Dhaka

OPENSTREETMAP, KEYHOLE MARKUP LANGUAGE, PYTHON

Nov. 2019

- Implemented custom modified Dijkstra algorithm to solve a transportation problem in Dhaka. Datasets contained detailed roads, metro-routes and bus-routes of Dhaka city

KichuPariNa ChatBot

MICROSOFT AZURE, OPENCV, PYTHON

Jan. 2019

- Used Face API from Microsoft Azure to detect the mood of the user from the captured photos
- Used YouTube API to suggest songs based on the mood detected from the aforementioned point

Durbeen : The Dawn of Programming

JAVAFX, JAVA

Jan. 2019

- Created a Learning Tool for Programming in my mother language Bangla for Kids

Game of Pawns

OPENGL, IGRAPHICS, C++

Aug. 2018

- Implemented multiplayer, single player and blitz mode using iGraphics Library and a custom mini chess algorithm for the single player mode

Honors & Awards

2021	Top 14 percent , Kaggle Cassava Leaf Disease Classification	Kaggle
2020	Became 4* , CodeChef	CodeChef
2019	Finalist , CodeSamurai	Dhaka University
2019	First Runners Up , Hackathon on Cloud Computing	BUET CSE Festival