

Md. Zarif Ul Alam

CS UNDERGRAD

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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# , Go
Frameworks	TensorFlow , Keras , PyTorch , Django , JavaFx
Database	Oracle
Tools	Git , Bash , Docker

Projects

MooBot

PYTHON , DISCORD API , GRAPH API

April. 2021

- Created a notification system for Moodle. Moodle doesn't come with built-in notification system. So I created one, synced with a discord bot. This helped my fellow university students to get quick notification from Moodle

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
2019	Rated 1900+ , CodeChef	CodeChef
2019	Finalist , CodeSamurai	Dhaka University
2019	First Runners Up , Hackathon on Cloud Computing	BUET CSE Festival