








MD IBRAHIM KHALIL

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EDUCATIONAL BACKGROUND

University of Dhaka
B.Sc in Software Engineering (Jan 2018 - present)
CGPA : 3.58/4.00 (up to 7th semester)
Brahmanbaria Govt College
HSC | Passing year: 2017 | GPA 4.92/5.00
Annada Govt High School
SSC | Passing year: 2015 | GPA 5.00/5.00

PROGRAMMING SKILLS

Machine Learning
Pytorch, TensorFlow, Keras, Pandas, Numpy, Open3D, OpenCV, Scikit-Learn
Programming language
Python, C++, Java, C#, JavaScript, Bash
Web Technology
React, Django, Flask, .NET, MongoDB, PostgreSQL
Tools
Git, Docker, GitHub Workflow, Postman, Power BI
Others
Data Structure and Algorithm, Object Oriented Programming, Design Pattern, Software Design, Documentaion and Testing.

ACHIEVEMENTS

1st Runner up
Hackathon, KUET BITFEST, 2019
2nd Runner up
Hackathon, DU ITVERSE, 2020
4th position
Independence Cup, IIT, DU, 2019
Participate in National Collegiate Programming Contest (NCPC), 2020
2nd Runner up
National Biology Olympiad, 2016
Champion
BdMO Regional Math Olympiad, 2014

EXTRA-CURRICULAR PROFILE

- Right Arm Fast Bowler of IIT-DU Cricket Team
- Hard Hitter Batsman of IIT-DU Cricket Team
- Central Back of IIT-DU Football Team
- Small Forward of IIT-DU Basketball Team
- Playing Badminton and Table Tennis

REFERENCE

Dr. Ahmedul Kabir
Associate Professor
IIT, University of Dhaka
kabir@iit.du.ac.bd

Dr Emon Kumar Dey
Associate Professor
IIT, University of Dhaka
emonkd@iit.du.ac.bd

EXPERIENCES

Brain Station 23 (Jan 2022 - Present)
Associate Software Engineer: July 2022-Present
Developed Table Extraction App for telemedicine.
Working on Healthcare Data Analysis.

Trainee: Jan 2022 - June 2022
Learned Deep Learning, ML Frameworks , Web technology fundamentals by doing some POC projects.

Bangladesh Technical Education Board (BTEB)
Designed and delivered Software Requirement and Specification Analysis (SRSA) documents for BTEB Management System. (March 2021 - July 2021)

PROJECTS

LiDAR Point Cloud Segmentation Tool
Pytorch, Open3D, Numpy, Scikit-Learn, Pyside 6, Python
It is a desktop application for classifying and segmenting LiDAR Point Cloud Data.

Question Answering App
Tensorflow, Keras, Python, Flask, MongoDB, AngularJs
A website where teacher set paragraph & questions and students will answer them. Website will automatically check the answers using Question Answering Model and give feedback to the students.
Dataset: SQUAD V2.0

News Portal Website
.Net, c#, Angular, HTML, CSS, MongoDB
A website where admin can upload/edit/delete news and user can read news article and do likes and comments on them.

Task Entry Bot
Electron Js, Python, MongoDB
A desktop app which automatically track user commit to a project and store commit related object file for reconstruct project structure.

Distributed Ride-sharing App
Python, Flask, MongoDB, Docker, Nginx
Developed a scalable web app following micro-service architecture.

Gomoku AI Game
Python, PyGame
A desktop game with AI opponent. Logic build with A* search algorithm and alpha-beta pruning

Table Extraction App
Python, Google Document Ai, Django, React
A website which can extract tabular data from any report (pdf, image).