

MOSABBIR BHUIYAN



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OBJECTIVES

Having experience in machine learning and deep learning model development using python and also have knowledge in software development using Flutter. I'd like to contribute to the company's success by using my analytical, team-leading, and problem-solving skills.

EXPERIENCE

- Mechanic Koi** | Software Engineer (Intern) Dec 2020 – Mar 2021
Lead a four-member team in developing flutter apps for locating a garage's location and scheduling an appointment.

EDUCATION

2017 - 2022	Chittagong University of Engineering & Technology B.SC. In Electronics & Telecommunication Engineering CGPA 3.55 out of 4.00
2014 - 2016	Mirpur Cantonment Public School & College Higher Secondary Certificate GPA 5.00 out of 5.00
2012 - 2014	Kishoreganj Govt. Boys' High School Secondary School Certificate GPA 5.00 out of 5.00

SKILLS

Languages: Python, MATLAB, Dart.

Library: Tensorflow, Keras, NumPy, Pandas, Matplotlib.

Machine Learning Algorithms: Linear Regression, Logistic Regression, Decision Tree, KNN, SVM, Random Forest, Neural Network.

Deep Learning: Convolutional Neural Network, Transfer Learning, Ensemble Learning.

Tools: Google colab, Jupyter notebook, Git, Unity, Power BI.

Mobile & Web Development: Flutter, HTML, CSS, PHP, WordPress.

Design: UI, UX.

PROJECTS

Malaria classification using Deep Learning

- This is my undergrad research where I built a model to identify malaria disease with an accuracy of 97.92%.
- Tools used:** Tensorflow, Python, Matplotlib, CNN.

Retinal Fundus images detection and classification using ANN

- ANN was applied to categorize two stages of the disease after detecting the fundus area in the retina.
- Tools used:** Image Processing, Feature Extraction, ANN, Matlab.

Vehicle Speed Prediction using Machine Learning | [link](#)

- Predicted the speed of the vehicle for different road statuses such as in curvature road, traffic conditions, weather conditions, and different road conditions.
- *Tools Used: Python, Jupyter Notebook.*

Exploring machine learning algorithms and neural network to solve real-world problems | [link](#)

- Applied various regression and classification algorithms to solve real-world problems. Have done feature engineering on the dataset to find appropriate features.
- *Tools used: Google colab, Python.*

Developed a coffee shop location app using flutter | [link](#)

- It locates coffee shops on a map and provides directions.
- *Tools used: Flutter, Firestore, Google map API.*

Developed a quote bot app using flutter | [link](#)

- It provides quotes based on user preference.
- *Tools used: Flutter, Dialogflow.*

Build a game – Ball throw game | [link](#)

- It's a point-scoring game in which you throw a ball through a ring to get points.
- *Tools used: C#, Unity.*

Build a complete Gaming website | [link](#)

- Developed a gaming website where you can download, watch the trailer, and get updated news about the latest games. Signup and login system is also available there.
- *Tools used: HTML, CSS, PHP, Xampp, Sql.*

ACCOMPLISHMENTS

- Intro to Tensorflow for deep learning. (Udacity)
- Game Development for Modern Platforms. (Coursera - Jul, 2020)
- Introduction to Game Development. (Coursera - May, 2020)
- A workshop was held on Digital Fabrication in Fab Lab, CUET. (December, 2019)
- Training course on Blockchain and Cryptocurrency under ICT division and Bangladesh High Tech Park, CUET. (June, 2019)

ACHIEVEMENTS

- Awarded with Technical Scholarship in all semesters.
- Awarded with Government Scholarship in Secondary School Certificate.

EXTRACURRICULAR

- Secretary (Creative), CUET Career Club, CUET.
- Organized CUET ETE'17 Fresher's Reception in 2018.
- Worked as a volunteer in 'ROBI CAREER CARNIVAL' which was held on 13th November 2017.
- Champion in Annual Hall Cricket Tournament in 2019.

REFERENCES

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