

RAKIB HOSSAIN RIFAT

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🌐 <https://github.com/rakib1521>



WORK EXPERIENCE

Machine Learning Engineer

Polyfins Technology Inc

📅 September 2021 - Present 📍 Dhaka, Bangladesh

EDUCATION

MSc in Computer Science and Engineering

BRAC UNIVERSITY

📅 May 2022 - Present 📍 Dhaka, Bangladesh

BSc in Computer Science and Engineering

AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY

📅 November 2016 - August 2021 📍 Dhaka, Bangladesh

Result: 3.386 out of 4.00

HIGHER SECONDARY CERTIFICATE

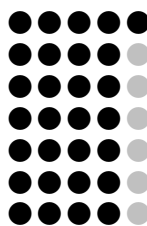
DHAKA CITY COLLEGE

📅 2016 📍 Dhaka, Bangladesh

Result: 4.83 out of 5.00

SKILLS

PYTHON
MACHINE LEARNING, DEEP LEARNING
TENSORFLOW, KERAS, Pytorch, Poutyne
Tensorboard, MLflow, Wandb
C, JAVA, C++, C#
HTML, CSS, BOOTSTRAP
SQL, MYSQL, Github



TRAINING/CERTIFICATIONS

Problem Solving (Basic) Certificate

HackerRank

Python (Basic) Certificate

HackerRank

SQL (Intermediate) Certificate

HackerRank

Deep Learning

Coursera

DeepLearning.AI TensorFlow Developer

DeepLearning.AI on Coursera

RECENT PROJECTS

Eczemaless

- In This project of Polyfins Technology Inc, I have made my contributions in Image Quality Assessment feature, And Eczema Severity Score feature.

"FixMatch: Simplifying Semi-Supervised Learning with Consistency and Confidence" Google Colab implementation

- This implementation is done for Multiclass Classification, Multi Label Classification and Multi output Classification.

SimCLR A Simple Framework for Contrastive Learning of Visual Representations

- PyTorch Google Colab implementation of SimCLR

Gender Detection From Bangla Handwritten Images

- Gender Detection From Bangla Handwritten Images using Logistic Regression and Deep Neural Network

Bengali Handwritten Digits Classification

- Bengali Handwritten Digits Classification from image using Logistic Regression and Deep Neural Network

Face Mask Detection

- A binary Classification model that can classify if some one is wearing mask or not.

Pneumonia X-ray Detection

- This model can detect if there is any abnormality in chest X-ray from X-ray Image.

Handwritten Digits Classification

- This model can detect handwritten digits from Image.

Production Prediction

- Using Distributed database system it can predict loss/profit and production.

All projects are available in Github.

EXTRA CURRICULAR

- Mentor and Alpha Tester at Deep Learning.AI
- Former Vice President at AUST Blood Donation Club.
- Former General Secretary at Ideal Science And Technology Aiming Research Council.

REFEREES

Ms. Qamrun Nahar Eity

Assistant Professor, Ahsanullah University of Science and Technology

✉ eity.cse@aust.edu