

UTSHAB KUMAR GHOSH

ML Enthusiast

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I have been working with Machine Learning and Data Science for 3+ years. My main motto is to collaborate in the field of Data Science, Machine Learning, and Deep Learning, as an ML Engineer or a Data Scientist. With the knowledge of competitive programming and back end development along with ML competitions in Kaggle, I want to gather experience and knowledge from a based environment and to make some contributions to humankind.



Education

Jan 2017 - Oct 2022 **Bachelor of Science: Computer Science & Engineering**
Rajshahi University of Engineering & Technology - Rajshahi, Bangladesh



Work History

Oct 2020 - Sep 2022 **AI Research Assistant**
MyMedicalHUB, Florida

- Gait Analysis Project.
- Sports Video and Image Analysis Project.
- Worked with AWS, Apache Server, REST API.

Dec 2017 - Jan 2019 **Smart Book Writer**
10 Minute School, Dhaka



Skills

Data Science / Machine Learning / Deep Learning: Python, Data Analysis & Visualization, Supervised & Unsupervised Learning Algos, ANN, CNN, Feature Selection & Extraction.

Frameworks: Tensorflow, Keras, NumPy, Pandas, Scikit-Learn

Competitive Programming: C, Data Structures & Algorithms

Web Dev: HTML, CSS, Django, Javascript

Mathematics: Algebra, Statistics, Possibility

Database: MySQL

Git, Linux, Latex, Powerpoint, Illustrator



Researches & Projects

- Bone Marrow Cell Classification (Ongoing)

Field: Biomedical Image

- Accurate Gait Recognition with Inertial Sensors using a New FCN-BiLSTM Architecture

Journal: Computers and Electrical Engineering (Q1, Available: <https://lnkd.in/g8QZYgMt>)

- Biomarker Detection of Lung Cancer

Journal: Informatics in Medicine Unlocked (Q2, Available: <https://lnkd.in/gh8ZaeHK>)

- My Machine Learning Projects

Github Repo: https://github.com/utshabkg/ML_Competition-AND-Practice

- Django Ecommerce Site (Sessional Project)

Supervisor: Asst. Prof. Barshon Sen, Rajshahi University of Engineering & Technology



Competitions

- Kaggle TensorFlow - Help Protect the Great Barrier Reef [Top 49% (1019th out of 2109)]
- Kaggle PetFinder.my - Pawpularity Contest [Top 13% (443th out of 3545)]
- Datahack Traffic Forecasting [Time Series Dataset, Running]
- HackerEarth ML Challenge: Fast, Furious and Insured [86th out of 2796]
- HackerEarth ML Challenge: A Fine Windy Day [54th out of 2034]
- 300+ Problems solved at Codeforces, Codechef, LightOJ and other Online Judges.



Certifications

Data Scientist Career Track, Datacamp

Applied Data Science Specialization, IBM

Deep Learning Specialization, deeplearning.ai



Interpersonal Skills

- Management
- Teamwork
- Multitasking
- Leadership



Languages

English

◆◆◆◆◆
Very Good

Bangla

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Excellent