



UTSHAB KUMAR GHOSH

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- Dhaka, Bangladesh

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–

Bachelor of Science: Computer Science & Engineering (CGPA: 3.22)
- Oct 2022

Rajshahi University of Engineering & Technology – Rajshahi, Bangladesh

Work Experience

- Oct 2020–

AI Research Assistant
- Sep 2022

MyMedicalHUB Int. – Florida, USA (Remote)
- Department:

Machine Learning
- Gait Analysis Project
 - Sports Video and Image Analysis Project
 - Worked with AWS, Apace Server, REST API

Technical Skills

- Data Science, Machine Learning, & Deep Learning

Python, Data Analysis & Visualization, Supervised & Unsupervised Learning Algos, ANN, CNN, Feature Selection & Extraction.
- Frameworks, Library & Tools

Tensorflow, Keras, OpenCV, NumPy, Pandas, Scikit-Learn, Tableau, Excel Spreadsheet.
- Programming

Python, C, Data Structures & Algorithms.
- Web Development

HTML, CSS, Tailwind, Javascript, Django.
- Mathematics for ML & DL

Algebra, Statistics, Possibility, Geometry, Matrix.
- Database

MySQL.
- Miscellaneous

Git, Linux, AWS, Latex, MS Office, Adobe Illustrator.

Researches

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

Journal: Computers and Electrical Engineering (Q1, Available: <https://lnkd.in/g8QZYgMt>)
- Most Dominant Metabolomic Biomarkers Identification for Lung Cancer**

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

Projects

- Bone Marrow Cell Classification** (Ongoing)
- My Machine Learning Projects**

Github Repo: https://github.com/utshabkg/ML_Competition-AND-Practice
- Django Ecommerce Site** (Sessional Project)

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, Leetcode, LightOJ and other Online Judges.

Certifications

- Deep Learning Specialization**

Institute: deeplearning.ai
- Applied Data Science Specialization**

Institute: IBM
- Data Scientist Career Track**

Institute: Datacamp
- AI for Medical Diagnosis**

Institute: deeplearning.ai

Interpersonal Skills

- Management
- Teamwork
- Multitasking
- Leadership

Languages

- English
- Bangla

Interests

- Music & Instruments
- Taekwondo