UTSHAB KUMAR GHOSH

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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**

**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
* **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 /** Python, Data Analysis & Visualization,

**Machine Learning /** Supervised & Unsupervised Learning Algos,

**Deep Learning** ANN, CNN, Feature Selection & Extraction.

* + **Frameworks & Library** Tensorflow, Keras, OpeCV, NumPy, Pandas, Scikit-Learn
  + **Programming** Python, C, Data Structures & Algorithms
  + **Web Development** HTML, CSS, Tailwind, Django, Javascript
  + **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>)

* **Biomarker Detection of 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** atCodeforces, Codechef, Leetcode, LightOJ and other Online Judges.