

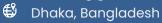
# **UTSHAB KUMAR GHOSH**

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www.github.com/utshabka

www utshabkq.qithub.io



#### OBJECTIVES

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.

#### WORK EXPERIENCE

P Dec 2022-

Jr. Software Engineer

Present

Nascenia Ltd. – Dhaka, Bangladesh

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

Dec 2017-

**Smart Book Writer** 

Jan 2020

10 Minute School - Dhaka, Bangladesh **Department: Mathematics & Physics** 

#### **EDUCATION**

Bachelor of Science in Computer Science & Engineering (2017 - 2022)

CGPA: 3.22 (out of 4.00)

Department of Computer Science & Engineering,

Rajshahi University of Engineering & Technology, Rajshahi-6204, Bangladesh

• Higher Secondary School Certificate (2014 - 2016)

GPA: 5 (out of 5.00)

Saint Joseph Higher Secondary School, Dhaka, Bangladesh

• Secondary School Certificate (2009 - 2014)

GPA: 5 (out of 5.00)

Motijheel Ideal School & College, Dhaka, Bangladesh

#### SKILLSET

Python, Data Analysis & Visualization, ANN, CNN, Data Science. Machine Learning, Supervised & Unsupervised Learning Algorithms, Feature Engineering, Feature Selection & Extraction. & Deep Learning • Frameworks, Library Tensorflow, Keras, OpenCV, NumPy, Pandas, Scikit-Learn,

& Tools Tableau, Excel Spreadsheet.

 Programming Python, C, Data Structures & Algorithms.

HTML, CSS, Tailwind, Javascript, Django, PHP, Wordpress. Web Development

Algebra, Statistics, Possibility, Geometry, Matrix. Mathematics for ML & DL

Database MySQL, MariaDB.

 Miscellaneous Git, Linux, AWS, Apache Server, Latex, MS Office, Adobe Illustrator.

Interpersonal Skills Management, Teamwork, Leadership, Multitasking. Bone Marrow Cell Classification (Ongoing)

Field: Biomedical Image

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

Authors: Nahian Rifaat<sup>1</sup>, Utshab Kumar Ghosh<sup>1</sup>, Abu Sayeed

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

Field: Biometrics

Most Dominant Metabolomic Biomarkers Identification for Lung Cancer

Authors: Utshab Kumar Ghosh<sup>1</sup>, Fuad Al Abir, Nahian Rifaat, S.M. Shovan, Abu Sayeed,

Md. Al Mehedi Hasan

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

Field: Bioinformatics

My Machine Learning Projects

Github Repo: <a href="https://github.com/utshabkg/ML\_Competition-AND-Practice">https://github.com/utshabkg/ML\_Competition-AND-Practice</a>

• Django Ecommerce Site (Sessional Project)

Field: Web Development

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

• Slither Game (Sessional Project)

Field: PyGame

Supervisor: Prof. Dr. Md. Rabiul Islam, Rajshahi University of Engineering & Technology

#### COMPETITIONS

Kaggle TensorFlow - Help Protect the Great Barrier Reef (Video Dataset)

Top 49% (1019th out of 2109)

Kaggle PetFinder.my - Pawpularity Contest (Image Dataset)

Top 13% (443th out of 3545)

DataHack Traffic Forecasting (Time Series Dataset)

Time Series Forecasting (Running)

• HackerEarth ML Challenge: Fast, Furious and Insured (Image & Tabular Dataset)

Classification & Regression (86th out of 2796)

HackerEarth ML Challenge: A Fine Windy Day (Tabular Dataset)

Regression (54th out of 2034)

### SPECIALIZATION ACCOMPLISHMENTS \_\_

- Kaggle Expert (x3)
- Deep Learning Specialization

Institute: deeplearning.ai

Applied Data Science Specialization

Institute: IBM

Data Scientist Career Track

Institute: Datacamp

Al for Medical Diagnosis

Institute: deeplearning.ai

- 300+ Problems solved at Codeforces, Codechef, LightOJ and other Online Judges.
- Gold Medalist: National High School Programming Contest

## EXTRA CURRCULAR ACTIVITES

• Co Founder (January, 2019 - Present)

Code Studio, A software company that builds Mobile and Web Application.

• Asst. Publication Secretary (March 2018 - December 2019)

**RUET Career Forum** 

• Vice President (Admin) (February, 2021 - October, 2022)

Onuronon, RUET Cultural Club

Founder and Keyboardist

Plectrum Band

## PERSONAL DETAILS \_\_\_\_\_

**Date of Birth** December 31, 1998

Gender Male

NationalityBangladeshiReligionHinduismNational ID No.9577605968Passport NoBP0436488Passport Issue Date6/11/2017Blood GroupO+ve

## REFEENCE(S)

Name	Dr. Md. Al Mehedi Hasan	Abu Sayeed
Organization	Rajshahi University of Engineering & Technology,	Rajshahi University of Engineering & Technology
Designation	Professor	Assistant Professor
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Relation	Research and Projects Supervisor	Thesis Supervisor