

UTSHAB KUMAR GHOSH

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OBJECTIVES

I have been working with Machine Learning and Data Science for about 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 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

Al Research Assistant (October 1, 2020 – September 30, 2020)
 MyMedicalHUB

Location: Florida, USA (Working Remotely)

Department: Machine Learning

o Gait Analysis Project

- Sports Video and Image Analysis Project
 Worked with AWS, Apace Server, REST API
- Smartbook Writer (December 15, 2017 January 31, 2019)

10 Minute School

Location: Dhaka, Bangladesh Department: Physics & Mathematics

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

SKILLS & INTERESTS _

Domains Data Science, Machine Learning, Deep Learning, Computer Vision,

Biomedical, Bioinformatics, Biometrics

Languages English: Full professional proficiency

Bengali: Native/Full professional proficiency

Technical Skills Python, C, Javascript, SQL, Tensoflow, HTML, CSS, Django **Interpersonal Skills** Leadership, Communication Skill, Teamwork, Management

Miscellaneous Git, Linux, Latex, Powerpoint, Illustrator

RESEARCHES AND PROJECTS

• Bone Marrow Cell Classification (Ongoing)

Field: Biomedical Image

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

Authors: Nahian Rifaat¹, Utshab Kumar Ghosh¹, Abu Sayeed

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

Field: Biometrics

Biomarker Detection of Lung Cancer

Authors: Utshab Kumar Ghosh¹, 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

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

• 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

Nationality : Bangladeshi Religion : Hinduism : 9577605968 National Id No. Passport No : BP0436488 Passport Issue Date : 6/11/2017 **Blood Group** : O_{+ve}

REFEENCE(S) ___

Name : Dr. Md. Al Mehedi Hasan

Rajshahi University of Engineering &

Organization: Technology.

University of Aizu, Japan

Designation: Professor

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: Research and Projects Supervisor Relation

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Thesis Supervisor