



UTSHAB KUMAR GHOSH

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🌐 www.github.com/utshabkg/

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

- **AI Research Assistant** (*October 1, 2020 – September 30, 2020*)
MyMedicalHUB
Location: Florida, USA (Working Remotely)
Department: Machine Learning
 - Gait Analysis Project
 - Sports Video and Image Analysis Project
 - Worked with AWS, Apache 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, Tensorflow, 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 Ghosh*¹, Abu Sayeed
Journal: [Computers and Electrical Engineering](#) (Q1, Available: <https://lnkd.in/g8QZYgMt>)
Field: Biometrics
- **Biomarker Detection of Lung Cancer**
Authors: *Utshab Kumar Ghosh*¹, 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
- **AI 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 CURRICULAR ACTIVITIES

- **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
National Id No. : 9577605968
Passport No : BP0436488
Passport Issue Date : 6/11/2017
Blood Group : O₊ve

REFEENCE(S)

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