



## UTSHAB KUMAR GHOSH

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🌐 [utshabkg.github.io/](https://utshabkg.github.io/)

🌐 [www.linkedin.com/in/utshabkg/](https://www.linkedin.com/in/utshabkg/)

🌐 [www.github.com/utshabkg/](https://www.github.com/utshabkg/)

### OBJECTIVES

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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

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- **AI Research Assistant (October 1, 2020 - Continuing)**  
**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

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- **Bachelor of Science in Computer Science & Engineering (2017 – Continuing)**  
CGPA: 3.19 (out of 4.00), Final Semester Ongoing  
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

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<b>Research Domains</b>	Data Science, Machine Learning, Deep Learning, Computer Vision, Biomedical, Bioinformatics, Biometrics
<b>Languages</b>	English: Full professional proficiency Bengali: Native/Full professional proficiency
<b>Technical Skills</b>	Python, Tensorflow, C, Javascript, HTML, CSS, Django
<b>Interpersonal Skills</b>	Leadership, Communication Skill, Teamwork, Management
<b>Others</b>	Git, Linux, Latex, Powerpoint, Illustrator

## RESEARCHES AND PROJECTS

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- **Bone Marrow Cell Classification** (Ongoing)  
**Field:** Biomedical Image
- **Gait Recognition with Inertial Sensors using a New FCN-BiLSTM architecture** (Accepted)  
**Field:** Biometrics  
**Supervisor:** Asst. Prof. Abu Sayeed, Rajshahi University of Engineering & Technology
- **Biomarker Detection of Lung Cancer** (Available: <https://lnkd.in/gh8ZaeHK>)  
**Authors:** *Utshab Kumar Ghosh*, Fuad Al Abir, Nahian Rifaat, S.M. Shovan, Abu Sayeed, Md. Al Mehedi Hasan  
**Journal:** [Informatics in Medicine Unlocked](#)  
**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

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- **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

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- **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

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- **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**

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## PERSONAL DETAILS

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**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<sub>+ve</sub>

## REFERENCE(S)

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