**UTSHAB KUMAR GHOSH**

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

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

 [www.github.com/utshabkg/](http://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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| * **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, 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](https://www.sciencedirect.com/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](https://www.journals.elsevier.com/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 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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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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+ve | | | |

REFEENCE(S) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **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 |
| **Mobile** | : | +880-1712 205 360 | +880-1751 471 785 |
| **E-Mail** | : | mehedi\_ru@yahoo.com | abusayeed.cse@gmail.com |
| **Relation** | : | Research and Projects Supervisor | Thesis Supervisor |