

# Md. Momenul Haque

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## Home Address:

Md. Momenul Haque  
S/O- Md. Aynal Haque &  
Mst. Shalina Akter  
Shantibag, Boalia,  
Ghoramara, Rajshahi-6100

**Date of Birth:** 16-10-1999  
**Marital Status:** Unmarried  
**Nationality:** Bangladeshi  
**Religion:** Islam

## Career Objectives:

To build a long-term profession as a teacher that will offer endless opportunities for my career growth and to keep up with cutting-edge educational technologies. Develop and promote creativity and high-order thinking skills that increase the performance of the students. To get an opportunity where I can make the best of my potential and contribute to the organization's growth.

## Education:

<b>Rajshahi University of Engineering &amp; Technology (RUET), Rajshahi</b> <i>MSc in Computer Science and Engineering</i>	2023 -
<b>Bangladesh Army University of Engineering &amp; Technology, Natore</b> <i>BSc in Computer Science and Engineering, CGPA-3.92, Merit Position: 1<sup>st</sup></i>	2018 - 2022
<b>New Govt. Degree College, Rajshahi</b> <i>HSC in Science, GPA-5.00</i>	2016
<b>Seroil Govt. High School, Rajshahi</b> <i>SSC in Science, GPA-5.00</i>	2014

## Work and Internships:

<b>Rabindra Maitree University, Kushtia</b> <i>Lecturer, Department of CSE, Full-time</i>	10 <sup>th</sup> May, 2023- Current
<b>Bangladesh Telecommunications Company Limited, Rajshahi</b> <i>Network Administration, Internship</i>	21 <sup>th</sup> Dec, 2021- 22 <sup>th</sup> Jan, 2022

## Publications:

- [6] COVID-19 Distance Learning Understanding Classification using Scalogram Based on Transfer Learning and Principal Feature Classifier from EEG Signals; **Md. Momenul Haque\***, Subrata Kumer Paul, Rakhi Rani Paul, Mursheda Nusrat Della , Md. Kamrul Islam, Sultan Fahim; Taylor and Francis Book Chapter, 2023.
- [5] Human Fall Detection System using Long-Term Recurrent Convolutional Networks for Next-Generation Healthcare: A Study of Human Motion Recognition; Subrata Kumer Paul, Anika Anomi Zisa, Md. Abul Ala Walid, Yeashtaruna Zeem, Rakhi Rani Paul, **Md Momenul Haque** and Md. Ekramul Hamid, 14th ICCCNT 2023.
- [4] Improving Performance of a Brain Tumor Detection on MRI Images using DCGAN-based Data Augmentation and Vision Transformer (ViT) Approach; **Md. Momenul Haque\***, Subrata Kumer Paul, Rakhi Rani Paul, Nurnama Islam , Mirza A.F.M. Rashidul Hasan , Md.

- Ekramul Hamid; Book chapter, GANs for Data Augmentation in Healthcare Sector, Springer Nature, 2023
- [3] EEG-Based Multi-Class Emotion Recognition using Hybrid LSTM Approach; **Md. Momenul Haque\***, Subrata Kumer Paul, Rakhi Rani Paul, Mursheda Nusrat Della , Md. Kamrul Islam, Sultan Fahim; International Journal of Innovative Research in Computer Science & Technology (IJIRCST), Volume-11, Issue-3, May 2023
- [2] A Blockchain-Based Secure Payment System for Vehicle Fuel Filling Station; **Md. Momenul Haque\***, Subrata Kumer Paul, Rakhi Rani Paul, Mirza A. F. M. Rashidul Hasan, Sultan Fahim and Shahinur Islam; *25th International Conference on Computer and Information Technology (ICCIT), IEEE, 2022*
- [1] A Comprehensive Study on Ethereum Blockchain-based Digital Marketplace using NFT Smart Contract Infrastructure; **Md. Momenul Haque\***, Subrata Kumer Paul, Rakhi Rani Paul, Md. Ekramul Hamid, Sultan Fahim and Shahinur Islam; *25th International Conference on Computer and Information Technology (ICCIT), IEEE, 2022*

## Fields of Research:

Blockchain, Computer Vision, EEG Signal, Optical Character Recognition, Medical Image Processing, Human Activity Recognition, Machine Learning, Digital Signal Processing.

## Project Executed:

### Alumni Management System

Jan'22 – Jun'22

*PHP, JavaScript, Html, CSS, MySQL*

The main objective of such a Alumni Management System is to maintain strong relationships between alumni and their alma mater, and to provide valuable resources and services to alumni to help them stay connected and engaged.

### Hall Management System

Jan'22 – Jun'22

*PHP, JavaScript, Html, CSS, MySQL*

The hall management system aims to provide an efficient, centralized and secure platform for managing all aspects of student housing operations and to ensure that students have a comfortable and safe living environment while they are on campus.

### NoteKhata Learning App

Jul'21 - Dec'21

*Java, Android, Firebase*

The goal is to make education accessible, engaging and effective for a wider audience, regardless of their location or schedule. It also helps in improving the efficiency and scalability.

### Dinosaur Game

Jul'21 - Dec'21

*OpenGL, Glut,*

A dinosaur game is a video game that features dinosaurs as the main characters or subject matter. These games can take various forms and can be educational, action-packed, or light-hearted and fun.

### Easy to Learn AI

Jan'21 - Mar'21

*NLP, Bert, ML, Python*

An AI Viva system is an artificial intelligence-powered virtual interview system. It uses advanced algorithms and natural language processing techniques to conduct virtual interviews, with the aim of reducing the time and effort required to assess job applicants.

## Extra-Curricular Activities:

- **NASA Space Apps Challenge 2021:** Best Mission Concept, Global Winner.
- **Bangladesh Blockchain Olympiad (BCOLBD) 2023:** Top 36 Finalist.
- **Intra University Programming Contest 2022:** IT Spark 1.0 (Champion)

- **Bangladesh Blockchain Olympiad (BCOLBD) 2022:** Top 50 Finalist.
- **IDEA Project SCM 19th Selection for Innovation Fund:** 10 lacks Grant Winner
- **National Math Olympiad 2021:** Participant Selected (RU Campus).
- **HULT Regional 2021 (Ho Chi Minh City, Vietnam):** Top 6 Finalist.
- **NCPC 2020:** Participant (MIST 2020). (Team: Lazy Propagation)
- **ICPC 2021:** Participant (BUBT 2020). (Team: Lazy Propagation)
- **National Math Olympiad 2019:** Participant Selected (BAUET Campus).
- **NASA Space Apps 2020:** Runner up Khulna Region, Honorable Mention in World final.
- **HULT On Campus 2020:** 2nd Runner up, BAUET Campus.
- **Crack-A- Case 2020:** Finalist (IEEE CUET Student Branch).
- **BIG 2020-21:** Top 20 (Team The Horsemen).
- **Unibator 2021-22:** Top 250 (Team The Horsemen).
- **General Secretary:** IEEE BAUET Student Branch 2021-2022.
- **Branch Ambassador:** IEEE Xtreme 15.0 2021.
- **Joint Secretary:** BAUET Computer Society 2021.
- **Chief of Strategy:** Hult Prize at BAUET 2021-22.
- **Trainer:** Workshop on Programming 2021, 1 month, BAUET 2021.
- **Assist:** RMIT University, Melbourne, Australia. (C++ Game Project).
- **Executive Member:** BAUET Programming Club 2019-20.
- **Connectivity:**  
 LinkedIn: <https://www.linkedin.com/in/momenul-haque/>  
 Github: <https://github.com/MomenulHaque50>  
 Website: <http://momenulhaque50.github.io>

### Language Proficiency:

- **English:** Professional fluency and accuracy in all the four skills of English.
- **Bangla:** Native skill in both verbal and written communication.

### Personal Skills:

Comprehensive problem solving abilities, excellent verbal and written communication skills, ability to deals with people diplomatically, willingness to learn with positive mental attitude and a good team facilitator.

### Referees:

#### Mohammed Golam

#### Sarwar Bhuyan

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 Bangladesh Army University of  
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#### Subrata Kumer Paul

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### Acknowledgement:

I solemnly declare that all the information mentioned above is authentic and true to the best of my knowledge.



Date: 06-08-2023

Signature