






# MD GOLAM RABBY SHUVO

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## OBJECTIVE

Energetic and skilled persona with a Master's degree in Data Science and a Bachelor's degree in Computer Science. Demonstrates a keen interest in cutting-edge technologies, specializing in AI, Machine Learning, Big Data, and Computer Vision. Adept at leveraging advanced analytics and statistical modeling techniques to derive actionable insights from complex datasets. Aspiring Ph.D. candidate eager to advance research in these domains and contribute to the ever-evolving landscape of data-driven technologies.

## EDUCATION

### **MSc. in Data Science | University of East Anglia, UK**

SEPTEMBER 2021 – SEPTEMBER 2022

Result: Merit (64%)

Dissertation: Intelligent Portal for Caregivers to People with Dementia.

Supervisor: Dr Min Hane Aung

Modules: Artificial Intelligence, Database Manipulation, Applied Statistics, Data Mining, Computer Vision, Research Techniques.

### **BSc. in Computer Science & Engineering | North South University, Bangladesh**

MARCH 2016 – APRIL 2020

CGPA: 3.68 | Magna Cum Laude

Capstone Project: Pedestrian Tracking and Vehicle Speed Estimation Using Deep Learning

Supervisor: Mohammad Rezaul Islam

Courses: Machine Learning, Software Engineering, Operating Systems Design, Microprocessor Interfacing & Embedded Systems, Design & Analysis of Algorithms, Computer Organization & Architecture, Concepts of Programming Languages, Data Structure, Database Management System, Programming Language I & II, Digital Logic, Probability & Statistics.

## PUBLICATION

M. G. R. Shuvo, N. Sultana, L. Motin and M. R. Islam, "Prediction of Hourly Total Energy in Combined Cycle Power Plant Using Machine Learning Techniques," *2021 1st International Conference on Artificial Intelligence and Data Analytics (CAIDA)*, 2021, pp. 170-175, doi: 10.1109/CAIDA51941.2021.9425308.

## SKILLS

- Data Visualization
- Machine Learning
- Deep Learning
- Database Manipulation
- Data Mining
- Statistical Analysis
- Problem Solving
- Predictive Modelling
- Software Development
- Web Development
- MS Office (Excel, Words, etc.)
- Git and Version Control
- Python (NumPy, Pandas, Scikit-learn, Keras)
- R, Java, C++, MATLAB
- PHP, HTML, CSS, JavaScript
- SQL (MySQL, Postgres)
- Django, Flask
- TensorFlow, OpenCV
- Tableau

Language: Bengali (Native), English (Fluent)



## ACADEMIC EXPERIENCE

### Catch-Up Tutor | Leyton Sixth Form College, London, UK

NOVEMBER 2023 – PRESENT

- Provided 1-on-1 or small group tutoring for GCE A-Level students in Physics, Computer Science, and Mathematics.
- Tailoring lesson plans to individual student needs and address specific learning gaps.
- Nurturing a supportive learning environment to boost student confidence and motivation.
- Leveraged diverse teaching resources to enrich the learning experience.
- Collaborated with other tutors, when needed, to craft comprehensive support plans for students.

### Undergraduate Teaching Assistant | North South University, Bangladesh

JUNE 2019 – SEPTEMBER 2021

- Tutored undergraduate students of the Department of Mathematics & Physics, and the Department of Electrical & Computer Engineering.
- Aiding the students whenever they face problems with their course works.
- Coordination with Instructor for the setting of assignments and quizzes.
- Looked after the students in practical lab classes of Java & C++ programming language.
- Checking their homework and assignments along with proctoring during their examination.



## RESEARCH EXPERIENCE

### Master's Dissertation | University of East Anglia, UK

JUNE 2022 – SEPTEMBER 2022

- Conducted research on intelligent portal for caregivers to people with dementia, collecting information, exploring existing technology, and studying various information retrieval methods.

### Directed Research | North South University, Bangladesh

OCTOBER 2019 – JANUARY 2020

- Conducted group research on prediction of hourly total energy in combined cycle power plant using machine learning techniques, collecting and analyzing data, presenting study in a conference.



## OTHER EXPERIENCE

### Sales Staff | Wanis International Foods Ltd., London, UK

JUNE 2023 – NOVEMBER 2023

### Healthcare Assistant | Avall Ltd., Norwich, UK

NOVEMBER 2021 – APRIL 2023



## RESEARCH INTERESTS

- Artificial Intelligence
- Machine Learning
- Big Data
- Computer Vision
- Deep Learning
- Predictive Analysis



## HONORS AND AWARDS

- UEA Post Graduate Bangladesh Award 2021  
University of East Anglia, UK
- Merit-Based Scholarship 2018-20  
North South University, Bangladesh
- i-Genius Award – District Level  
Garmeenphone & Prothom Alo, Bangladesh
- General Government Scholarship 2010  
Junior School Certificate Exam, Bangladesh

*References available upon request.*