Rakibul Islam

Email: raakibul.uap@gmail.com | Webpage: raaakibul.github.io | Phone: +880-1315396692

Dhaka, Bangladesh

RESEARCH INTERESTS

My main research interest lies in Machine Learning and deep learning-based Artificial Intelligence systems. I want to research next-generation Machine Learning and Deep Learning-based AI systems. And my primary purpose is to develop widely implementable machine and deep learning-based solutions for real scenarios in artificial intelligence technology.

Research Areas: Data Science, Machine Learning, Deep Learning, Computer Vision, Artificial Intelligence

EDUCATION

University of Asia Pacific   Dhaka, Bangladesh | Sept. 2018 – June 2023

Bachelor of Computer Science and Engineering

Major Courses: Structured Programming, Data Structure and Algorithms, Object Oriented Programming, Database, Software Engineering, Computer Networks, Machine Learning, Artificial Intelligence, Probability & Statistics, Data Communications, etc.

Thesis Topic: Deep Learning-Based Background Noise Classification and Reduction for Audio Enhancement

RESEARCH EXPERIENCE

Bdian Research Trainee   Dhaka, Bangladesh| Sept. 2022 – Dec. 2022

Researcher at Youth society For Research and Action.
Understanding research methodology in real-world scenarios, including proposing topics, designing studies, and selecting methodologies.

WORK EXPERIENCE

CareTutors   Dhaka, Bangladesh | **Oct. 2023** – **Present**

Instructor at Largest online and offline based tutoring platform.
I taught physics, chemistry, mathematics, and programming languages (Python, C, C++, JavaScript for Web developement) to high school and college students through in-person and group-based lessons.

Industrial Trainee   Dhaka, Bangladesh | Dec. 2022 – May 2023

Software Engr. Intern at BrogrammersLab
I learned to approach problem-solving calmly and focus on solutions. Effective communication and collaboration are essential in a team and time management is the most valuable lesson I gained.

SKILLS

Programming Languages: Python, JavaScript, SQL, C/C++, Java
Python Packages: Pytorch, OpenCV, Pandas, Matplotlib, Keras, Sci-kit learn, TensorFlow
Web Technologies: HTML, CSS, SASC, Bootstrap, JavaScript, TypeScript, React, Json, Flask

Tools: Microsoft Word, Latex, Visual Studio, Microsoft SQL Server, MySQL, Power BI, Git
Project Management: Communication Skills (Written & Verbal), Quantitative Skills, Initiative, Interpersonal Skills, Teamwork, Time Management, etc.
Languages: English (Native), Bengali (Fluent)

PUBLICATIONS

Deep Learning-Based Background Noise Classification and Reduction for Audio Enhancement. – under review

PROFESSIONAL TRAINING & CERTIFICATES

2024 - Mathematics for Machine Learning and Data Science (3 Courses) by Luis Serrano | *DeepLearning.AI*
- Linear Algebra for Machine Learning and Data Science
- Calculus for Machine Learning and Data Science
- Probability & Statistics for Machine Learning & Data Science

2024 - Machine Learning Specialization (3 Courses) by Andrew NG | *DeepLearning.AI & Stanford University*

- Supervised Machine Learning: Regression and Classification
- Advanced Learning Algorithms
- Unsupervised Learning, Recommenders, Reinforcement Learning

2024 - Learn SQL Basics for Data Science Specialization (1 Course) | *University of California, Davis*

- SQL for Data Science by Sadie St. Lawrence

2024 - IBM Data Analyst Professional Certificate (1 Course) | *IBM*

- Data Visualization with Python by Saishruthi Swaminathan and Dr. Pooja

2024 - Data Science Foundations Specialization (1 Course) | *IBM*

- What is Data Science by Alex Aklson

2024 - Google Data Analytics Professional Certificate (1 Course) | *Google*

- Foundations: Data, Data, Everywhere

2022 - Bdian Research Trainee certificate

REFERENCES

Tanjina Helaly (Advisor)
Assistant Professor, University of Asia Pacific
Department of Computer Science & Engr

Rashik Rahman (Thesis Supervisor)
Lecturer, University of Asia Pacific
Department of Computer Science & Engr.

Dr. Aloke Kumar Saha
Professor, University of Asia Pacific
Department of Computer Science and Engineering