TAREK HASAN

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EDUCATION

United International University	Oct 2022-Ongoing
Bachelor of Science | Computer Science and Engineering	
Cox's Bazar Govt. College	May 2019-Feb 2020
Higher Secondary School Certificate (HSC) | Science	GPA: 5.0/5.0
Baitush Sharaf Jabbaria Academy	Jan 2014-Feb 2019
Secondary School Certificate (SSC) | Science	GPA: 5.0/5.0

TECHNICAL SKILLS

Languages: Java, C++, C, Python, JavaScript
Frameworks/Tools: Git, GitHub, Docker, AWS (Lambda, S3), LaTeX
Databases: MySQL, MongoDB
Platforms/Operating Systems: Linux, Windows
Concepts: Object-Oriented Programming (OOP), Version Control, Technical Documentation, Academic Writing

Experience & Volunteering

Minutei — May 2025 - Ongoing
Team Member (Part-Time) — Dhaka
- Assisted in the development and enhancement of platform features by supporting technical tasks and basic data operations.
- Collaborated with the content and marketing teams to support campaign planning and digital engagement strategies.
- Contributed to maintaining product-related content and improving user experience through cross-functional teamwork.
- Provided input on feature usability and helped streamline content delivery across platforms.

Cox's Bazar Student Society (CSS) — Feb 2018 - Ongoing
Member — Cox's Bazar
- Created academic materials, documented events, and wrote promotional newsletters.
- Conducted educational workshops and awareness campaigns under "CSS for Humanity."
- Led and participated in environmental initiatives such as the "Green Cox's Bazar" mission to promote sustainability and cleanliness.
- Organized tree plantation campaigns and awareness events about climate change and waste management.

RESEARCH EXPERIENCE

Advance Machine Intelligence Research Lab (AMIR Lab) — Feb 2025 - Ongoing
Research Assistant — Dhaka
- Initiated research on Explainable Artificial Intelligence to improve interpretability and transparency in AI systems.
- Designing interpretable NLP models to mitigate hallucinations and training data bias in AI systems.
- Conducting literature reviews, preparing data pipelines, and drafting academic writing for future publications.

Independent Researcher — Oct 2024 - Ongoing
- Exploring AI advancements and writing a conference paper focused on Explainable AI, with plans to work on another upcoming paper based on deep learning and machine learning applications.
- Engaged in analyzing data, structuring research methodology, and academic documentation

INTEREST

Deeply interested in AI research and educational innovation. Regularly explores advanced topics in explainable AI and machine learning. Enjoys reading productivity books, experimenting with teaching strategies, and solving algorithmic challenges on platforms like Codeforces.