Asif Azad

🔗 asifazad.me   in asifazad2677   🎓 Google Scholar   ✉ asifazad0178@gmail.com   📞 +8801404502677   📍 Dhaka, Bangladesh

Education

Bangladesh University of Engineering and Technology   Dhaka, Bangladesh
                                                                                          Feb 2020 – March 2025
- BSc Computer Science & Engineering | GPA: **3.91/4.0**
- <u>Relevant Courses:</u> Machine Learning (A+), Artificial Intelligence (A+), Operating Systems (A+), Algorithm Engineering (A+), Computer Architecture (A+)

Publications & Pre-prints

- Beyond Accuracy: Enhancing Parkinson's Diagnosis with Uncertainty Quantification of Machine Learning Models. ☑
Asif Azad, Md. Saiful Islam, Ehsan Hoque, M. Saifur Rahman
Proceedings of Artificial Intelligence in Healthcare 2025 (AIiH 2025) | **Best Paper Award Nomination** | Thesis work

- The Art of Saying "Maybe": A Conformal Lens for Uncertainty Benchmarking in VLMs ☑
Asif Azad, Mohammad Sadat Hossain, MD Sadik Hossain Shanto, M Saifur Rahman, Md Rizwan Parvez
Preprint, 2025

- Document Layout Analysis on BaDLAD Dataset: A Comprehensive MViTv2 Based Approach ☑
Ashrafur Rahman Khan, **Asif Azad**
Champion | Deep Learning Sprint Kaggle Competition 2023 ☑

Experience

AI Research Engineer   Saudi Arabia | Remote
AI Innovation Team, Health Services, Ministry of Defence   April 2025 – Present
Supervisor: *Prof. Ehsan Hoque*

- Designed and co-developed **FASEEH**, an AI intervention platform for autism therapy, now under **IRB approval** for a randomized multi-center clinical trial **(RCT)** and research study.
- Led collaboration with **speech-language pathologists** to refine intervention plans and protocols for Faseeh ensuring clinical and cultural relevance.
- Contributed to research on **AI-based autism diagnosis** from ADOS-2 videos in partnership with **MIT Media Lab**.

Awards

- **Best Paper Award Nomination** | AIiH 2025 conference | Beyond Accuracy: Enhancing   2025
Parkinson's Diagnosis with Uncertainty Quantification of Machine Learning Models.

- **IEEE Richard E. Merwin Scholarship** sole recepient from Bangladesh for Fall 2023.   2023

- **Dean's List Student Award**, Bangladesh Univesity of Engineering and Technology   2022, 2023, 2024

- **Champion**, Deep Learning Sprint 2023 | Computer Vision   2023

- **Champion**, DataVerse Challenge - ITVerse 2023 | Natural Language Processing   2023

Services

- **Reviewed** manuscripts for ACL ARR 2025
- **Served** as Vice Chairperson of IEEE BUET Student Chapter
- **Organized** event BUET CSE Fest 2024 ☑
- **Organized** event DL Sprint 3.0 | Bengali AI Math Olympiad ☑

Talks

- **AI in Medicine:** Transforming Healthcare Today & Tomorrow
52nd Annual National Conference of Ophthalmological Society of Bangladesh, 2025

- **Deep Learning Demystified:** A Hands on Introduction
Deep Learning Sprint 2024

References

Prof. Ehsan Hoque
Professor of Computer Science
University of Rochester
Email: mehoque@gmail.com
Relationship: Research Supervisor (AI Innovation Team, Saudi Arabia)

Prof. M. Saifur Rahman
Professor of Computer Science
Bangladesh University of Engineering and Technology (BUET)
Email: mrahman@cse.buet.ac.bd
Relationship: Thesis Supervisor

Dr. Md Rizwan Parvez
Research Scientist
Qatar Computing Research Institute (QCRI)
Email: mparvez@hbku.edu.qa
Relationship: Research Collaborator