



I am a passionate researcher with a strong academic background in Computer Science. I completed both my BSc and MSc from BRAC University, Bangladesh, where I developed a deep interest in Human-Computer Interaction (HCI) and Privacy. My MSc thesis, supervised by Professor Farig Yousuf Sadeque, explores the intersection of user-centered design and digital privacy in emerging technologies. I am currently based in Norfolk, Virginia, USA, and actively seeking PhD opportunities for Spring and Fall 2026.

Beyond academics, I enjoy immersing myself in travel documentaries and reading novels, which broaden my perspective and creativity. I am always eager to collaborate on impactful research that bridges technology and human experience.

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Research Projects

- **Perceptions and Impacts of Digitally Synthesized Intimate Content in Bangladesh:** An HCI and ethics-focused exploration of AI-generated deepfake imagery and user awareness in conservative societies.
- **Workforce Transitions in Aviation Post-COVID:** A socio-technical study of employment patterns in the aviation industry across pre-, during-, and post-pandemic phases.

Journal Publications

- **Sentiment Analysis on Twitter Tweets About COVID-19 Vaccines Using NLP and Supervised KNN Classification Algorithm** – Indonesian Journal of Electrical Engineering and Computer Science, 2021 [[PDF](#)]

Conference Publications

- **CNN-GRU Based Fusion Architecture for Bengali License Plate Recognition with Explainable AI** – 14th ICCCNT, 2023 [[PDF](#)]
- **Unveiling Employee Job Satisfaction: Harnessing Deep Learning for Sentiment Analysis** – 26th ICCIT, 2023 [[PDF](#)]
- **A Comprehensive Study on Pre-Pruning and Post-Pruning Methods of Decision Tree Classification Algorithm** – 5th ICOEI, 2021 [[PDF](#)]

Conferences Attended

- 5th CCI Symposium, Richmond, Virginia, USA, 2025
- 26th ICCIT, Cox's Bazar, Bangladesh, 2023
- 14th ICCNT, IIT Delhi, India
- 5th ICOEI, 2021 (Remote)

Awards, Fellowships, & Grants

- **2024-2025:** BRAC University Scholarship – 50% tuition waiver + 10% final semester
Total: 1,20,000 BDT
- **2023-2025:** Research Grant, Woosong University
Total: 1,40,000 BDT

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