PROTIVA DAS

MSc Student | Researcher in HCI/NLP/Privacy

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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📍 **Current Address:** Norfolk, Virginia, USA
🔗 **Google Scholar:** View Profile

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🔬 Research Experience

- **Research Associate**, Multimedia Signal and Image Processing Research Group
  Supervisor: Dr. Jia Uddin
  October 2020 – Present
  Focus: Image Processing, Medical Imaging, Deep Learning, Artificial Intelligence
- **Research Collaborator and Associate**, BRAC University
  2023 – Present
  Collaborative work in computer vision, AI, and cross-institutional research

🎓 Education

- 📘 **MSc in CSE**, BRAC University, Dhaka, Bangladesh (2024–2025)
  Thesis Based Masters (18 credit), Supervisor: Farig Yousuf Sadeque
- 📗 **Bachelor of Science in Computer Science**, BRAC University (2018–2023)
- 📙 **HSC, Major in Science**, Brahmanbaria Govt. College, Class of 2017

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** **Top Cited** – 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

BRAC University Scholarship (2024–2025)

50% tuition waiver + 10% waiver in final semester
Total Awarded: ৳১,২০,০০০ BDT (~$1,100 USD)

Research Grant – Woosong University (2023–2025)

Awarded for collaborative research work
Total Awarded: ৳১,৪০,০০০ BDT (~$1,280 USD)

Language Proficiency Test

- **International English Language Testing System (IELTS):** 6.5 out of 9.0 (No band less than 6)

Reach Me Here

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