Shakil Ahmed

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Summary — I am a motivated Computer Science graduate, currently pursuing Master's Degree at Aarhus University. I want to collaborate my knowledge with a vibrant team to hone my further IT skills. Besides, I am actively contributing to research in several computer science domains and seeking PhD position.

Education

Aarhus University — **2024**
Master of Science in Computer Science — *First Semester*
Tentative Specializations: Advanced Machine Learning and Data Science, Bioinformatics, and Cryptography
Enrolled Courses: Deep Learning for Visual Recognition, Data Visualization, Cryptology

American International University-Bangladesh — **2021**
Master of Science in Computer Science
Specializations: Intelligent Systems
Thesis: Attention-Based Bi-LSTM and Sequential LSTM for Describing Video in the Textual Formation — *Published*
CGPA: 4.00/4.00
Awards: Summa Cum Laude

American International University-Bangladesh — **2020**
Bachelor of Science in Computer Science
Thesis: An Observation of Vision Based Underwater Object Detection and Tracking — *Published*
CGPA: 3.86/4.00
Awards: Magna Cum Laude, Dean-List Award (3 times)

Experience

IT Garage — **Mar 2022 – Jul 2024**
Mobile Application Developer (Flutter)

Client: Government Project

– Government-Based Mobile application development
– Build robust Android/IOS apps
– App deployment in Play store/App store
– Collaborated with cross-functional teams

Ministry of ICT - Cross-platform Mobile Application Development - Under ICT Division — **Sept 2021 – Jan 2022**
Lecturer and Trainer

Client: Government Project

– Supervised 160 students and taught Flutter framework and Dart programming.
– 16 projects were developed by the students under my supervision.

American International University-Bangladesh (AIUB) — **Jun 2019 – Sept 2019**
Teaching Assistant [JAVA Lab] — *Internship*

Client: Lab Student

– Helped students who need extra support.
– Supervision of group projects, Assisted the faculty member in lab.

Skills

Languages: Python, Dart, C++   **Tools:** MS Office, PowerBI (Basic), Latex
Framework: Pytorch, Plotly, Flutter

Publications

Journal

1. **Ahmed, S.**, et. al. (2021, December 29). Att-BiL-SL: Attention-Based Bi-LSTM and Sequential LSTM for Describing Video in the Textual Formation. Applied Sciences, 12(1), 317. doi:10.3390/app12010317

2. Hanif, M. I., **Ahmed, S.**, Akanda, W., and Barman, S. (2020). Anti-molestation: An IoT-based device for women's self-security system to avoid unlawful activities. International Journal of Advanced Computer Science and Applications, 11(11). doi:10.14569/IJACSA.2020.0111188

Conference

1. Haque M. M., **Ahmed, S.**, et. al. (2024). Multi-Criteria Decision Analysis for Optimal Internet Service Provider Selection using Calibrated Random Forest. [In-Press: ASIANComNet 2024]

2. **Ahmed, S.**, et. al. (2020). An observation of vision-based underwater object detection and tracking. In 2020 3rd International Conference on Emerging Technologies in Computer Engineering: Machine Learning and Internet of Things (ICETCE) (pp. 117–122). Jaipur, India. doi:10.1109/ICETCE48199.2020.9091752

Active Reviewer   **ORCID: 0000-0001-6366-4881**

– Image and Vision Computing (Elsevier, IF: 4.7, Q2)

– Journal of King Saud University: Computer and information sciences. (Elsevier, IF: 6.9, Q1)

– Neurocomputing (Elsevier, IF: 5.5, Q1)

– Journal of Medical Engineering and Technology (Taylor & Francis, CiteScore: 4.6, Q2)

Certifications

– CS FEST Runner UP - Awarded by American International University-Bangladesh.

– Python for Everybody Specialization - Awarded by Coursera.

– Neural Networks and Deep Learning - Awarded by Coursera.

– Natural Language Processing with Python and NLTK - Awarded by Udemy.

– Python for Data Science and Data Analysis Masterclass: 2023 - Awarded by Udemy.