

Shakil Ahmed

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Objective — 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 looking for a student job that suits me and actively contributing to research in several computer science domains.

Education

Aarhus University

Master of Science in Computer Science

Tentative Specializations: Advanced Machine Learning and Data Science, Bioinformatics, and Cryptography

Enrolled Courses: Deep Learning for Visual Recognition, Data Visualization, Cryptology

2024

First Semester

American International University-Bangladesh

Master of Science in Computer Science

Specializations: Intelligent Systems

Thesis: Attention-Based Bi-LSTM and Sequential LSTM for Describing Video in the Textual Formation

CGPA: 4.00/4.00

Awards: Summa Cum Laude

2021

Published

American International University-Bangladesh

Bachelor of Science in Computer Science

Thesis: An Observation of Vision Based Underwater Object Detection and Tracking

CGPA: 3.86/4.00

Awards: Magna Cum Laude, Dean-List Award (3 times)

2020

Published

Experience

Aarhus University

Teaching Assistant [Computer Architecture, Network and Operating Systems]

Jan 2025 – Current

IT Garage

Mobile Application Developer (Flutter)

Mar 2022 – Jul 2024

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

Lecturer and Trainer

Sept 2021 – Jan 2022

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)

Teaching Assistant [JAVA Lab]

Jun 2019 – Sept 2019

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

Journals

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

Conferences

1. M. Mazid-Ul-Haque, **S. Ahmed**, R. S. Aftab, M. S. U. Miah, W. Akanda and A. Bhowmik, "Multicriteria Decision Analysis for Optimal Internet Service Provider Selection Using Calibrated Random Forest," 2024 Asian Conference on Communication and Networks (ASIANComNet), Bangkok, Thailand, 2024, pp. 1-6, doi: 10.1109/ASIANComNet63184.2024.10811091.
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

- Neurocomputing (Elsevier, IF: 5.5, Q1)
- Journal of King Saud University: Computer and information sciences. (Elsevier, IF: 6.9, Q1)
- Image and Vision Computing (Elsevier, IF: 4.7, Q2)
- 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.