

SHAKIL AHMED

✉ ahmed.shakil.v3@gmail.com

☎ +880 1761 290093 , +880 1765 591463

RG ResearchGate: Shakil Ahmed

🌐 www.linkedin.com/in/shakooo

🏠 House: 18, Road: 15, Nikunja-2, Khilkhet, Dhaka-1229.



Career Objective

To seek a challenging position to utilize my skills and abilities in the area of Information Technology and Software Engineering that offers a professional growth while being resourceful, innovative and dedicated.

Work

- Sept' 2021 – Jan' 2022 ◇ **Lecturer and Trainer [Brain Station 23], Apps Development Training [Flutter Cross Platform], Under ICT Division.**
Responsibilities: Taught Flutter, cross-platform mobile application development. Prepare and conduct technical training programs. Moreover, develop and maintain the positive relationship with the attendees, and communicate technical information in a simplified way to the students.
- Jun' 2019 – Sept' 2019 ◇ **Teaching Assistant [JAVA Lab Intern], Department of Computer Science, American International University-Bangladesh.**
Responsibilities: Helping students who need extra support, individually or in small groups as well as supervision of group activities. Assisting with practical sessions like problem solving and coding related works. Also, supporting teacher to manage class activities.

Education

- 2021 ◇ **M.Sc. Computer Science, American International University-Bangladesh.**
Major: *Intelligent System.*
Thesis Title: *Attention-based Bi-LSTM and Sequential LSTM for Describing Video in the Textual Formation.*
CGPA: *4.00 out of 4.00.*
- 2020 ◇ **B.Sc. Computer Science, American International University-Bangladesh.**
Thesis Title: *An Observation of Vision Based Underwater Object Detection and Tracking.*
CGPA: *3.86 out of 4.00.*
- 2013 ◇ **HSC, BIAM Model School and College, Bogura.**
Group: *Science.*
GPA: *4.40 out of 5.00.*
- 2011 ◇ **SSC, BIAM Model School and College, Bogura.**
Group: *Science.*
GPA: *5.00 out of 5.00.*

Skills

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|-----------------------|--|
| Languages | ◇ Bangla [Native], English [Professional]. |
| Software and Tools | ◇ MS Word, PowerPoint, Excel, L ^A T _E X(Overleaf). |
| Programming Languages | ◇ Python, OpenCV, Tensorflow, Dart[Flutter], C, C++, C#, Java, PHP. |
| Databases | ◇ MySQL, Oracle, SQLite. |
| Web Dev | ◇ HTML, CSS, JavaScript, JSON, Ajax, REST API. |
| Misc. | ◇ Academic research, Documentation, Typesetting for publishing, Ability to work with team. |

Projects

- 2021 ◇ **Video Captioning [Python]**: Used deep learning method, Neural Network and Tensorflow library. It can generate video descriptions in textual formation by inputting a long video.
- 2019 ◇ **Fonology [E-Commerce Website]**: Aesthetic graphical user interface by using HTML, CSS, Bootstrap, JavaScript, JSON, PHP. A full-functional e-commerce website. Admin can add products, give discounts etc. Customers can add products to their cart and buy as well as track their products.
- 2018 ◇ **Library Management System [Desktop Application]**: Aesthetic representation of GUI using C-Sharp programming language. Real-time adding, updating, deleting and retrieving book's information. Admin can enroll student to borrow book. Student can see books information and borrow.

Research Publications

Journal Articles

- 1 **Ahmed, S.**, Saif, A. F. M. S., Hanif, M. I., Shakil, M. M. N., Jaman, M. M., Haque, M. M. U., ... Sabbir, H. M. (2022). Att-bil-sl: Attention-based bi-lstm and sequential lstm for describing video in the textual formation. *Applied Sciences*, 12(1). doi:10.3390/app12010317
- 2 Hanif, M. I., **Ahmed, S.**, Akanda, W., & Barman, S. (2020). Anti-molestation: An iot based device for womens self-security system to avoid unlawful activities. *International Journal of Advanced Computer Science and Applications*, 11(11). doi:10.14569/IJACSA.2020.0111188

Conference Proceedings

- 1 **Ahmed, S.**, Khan, M. F. R., Labib, M. F. A., & Chowdhury, A. E. (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). doi:10.1109/ICETCE48199.2020.9091752

Awards and Certifications

Awards and Achievements

- 2021 ◇ **Summa Cum Laude**, Post-graduated with academic honor in the MSc. in Computer Science.
- 2020 ◇ **Magna Cum Laude**, Graduated with academic honor in BSc. in Computer Science.
- 2016–2019 ◇ **Dean-List Honors**, Received 3 times during academic period for excellent academic performance in B.Sc.
- ◇ **60% Tution Fee Waiver**, Obtained for maintaining excellent result in B.Sc.
- 2018 ◇ **First Runner-Up CS-Fest 2018 [AIUB]**, Desktop application showcasing [Group-Vector3].

Certifications

- 2020 ◇ **Python for Everybody Specialization (5 Courses)**. Awarded by Coursera.
- ◇ **Neural Networks and Deep Learning** Awarded by Coursera.
- ◇ **Python Real-World Project** Awarded by Udemy.

References

Mohammad Samawat Ullah

Associate Professor

Department of Computer Science

American International University-Bangladesh

✉ samawat@aiub.edu

Dr. A. F. M. Saifuddin Saif

Senior Lecturer

Institute IR4.0 (IIR4.0)

Universiti Kebangsaan Malaysia

✉ saif@ukm.edu.my