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RESEARCH INTERESTS

Artificial Intelligence, Machine Learning, Data Mining, Data Science, Deep Learning, Computer Vision, Biomedical & Agricultural Image Analysis, Benchmark Dataset Construction for Image Classification and Disease/Species Detection.

EDUCATION

M.S. in Computer Science and Engineering <i>Jahangirnagar University, Savar, Dhaka, Bangladesh</i> CGPA: 3.85 out of 4.00	2019
B.Sc. (Honours) in Computer Science and Engineering <i>Jahangirnagar University, Savar, Dhaka, Bangladesh</i> CGPA: 3.83 out of 4.00 — Ranked 1st in class	2018
Higher Secondary Certificate (HSC), Science <i>Naogaon Government College, Rajshahi Board, Bangladesh</i> GPA: 5.00 (out of 5.00)	2014
Secondary School Certificate (SSC), Science <i>Katkhoir High School, Rajshahi Board, Bangladesh</i> GPA: 5.00 (out of 5.00)	2012

ACADEMIC EXPERIENCE

Assistant Proctor (Honorary) Netrokona University, Netrokona, Bangladesh	Jul 23, 2026 – Present
House Tutor (Honorary), Temporary Student (Male) Hall Netrokona University, Netrokona, Bangladesh	Jan 16, 2025 – Present
Lecturer, Department of Computer Science and Engineering Netrokona University, Netrokona, Bangladesh	Jan 6, 2025 – Present
Lecturer, Department of Computer Science and Engineering East West University, Dhaka, Bangladesh	Jan 23, 2024 – Jan 5, 2025
Lecturer, Department of Computer Science American International University, Bangladesh (AIUB), Dhaka, Bangladesh	Jan 16, 2024 – Jan 22, 2024
Lecturer, Department of Computer Science and Engineering Daffodil International University, Dhaka, Bangladesh	Jan 24, 2021 – Jan 15, 2024
Lecturer (Contractual), Department of Computer Science and Engineering Daffodil International University, Dhaka, Bangladesh	Sep 14, 2019 – Apr 30, 2020

PROFESSIONAL TRAINING

Foundation Training for University Teachers Graduate Training Institute, Bangladesh Agricultural University, Mymensingh, Bangladesh.	Jul 27, 2025 – Aug 28, 2025
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SCHOLARSHIPS & AWARDS

- NST Fellowship - 2020
- Government General Scholarship (Honours) - 2018
- JU Academic Merit Scholarship - 2017
- JU Academic Merit Scholarship - 2016
- JU Academic Merit Scholarship - 2015
- DBBL Scholarship, HSC 2014 Batch
- DBBL Scholarship, SSC 2012 Batch
- Government Junior School Scholarship - 2009
- Government Primary School Scholarship - 2006

PUBLICATIONS

(10 publications)

1. Matin, M.M.H., & Sefatullah, M. (2026). Frangipani, hibiscus, marigold, and rose leaf image dataset for plant species identification. *Data in Brief*, 112816.
<https://doi.org/10.1016/j.dib.2026.112816>
Q1, IF: 1.4, CiteScore: 2.6, WoS, Scopus
2. Matin, M.M.H., Saha, S., Sutradhar, H., & Islam, M.A. (2026). An open-access fire detection image dataset for research in computer vision and safety monitoring. *Data in Brief*, 112801.
<https://doi.org/10.1016/j.dib.2026.112801>
Q1, IF: 1.4, CiteScore: 2.6, WoS, Scopus
3. Rahman, M.A., Jahan, I., Islam, M., Jabid, T., Ali, M.S., Rashid, M.R.A., Islam, M.M., et al. (2025). Improving sleep disorder diagnosis through optimized machine learning approaches. *IEEE Access*.
<https://doi.org/10.1109/ACCESS.2025.3535535>
Q1, IF: 3.4, CiteScore: 9.8, WoS, Scopus
4. Matin, M.M.H., Sefatullah, M., Kabir, M.S., & Habib, H.B. (2025). An extensive visual data for reliable identification of medicinal plant leaves. *Data in Brief*, 112129.
<https://doi.org/10.1016/j.dib.2025.112129>
Q1, IF: 1.4, CiteScore: 2.6, WoS, Scopus
5. Tahsin, M., Matin, M.M.H., Khandaker, M., Reemu, R.S., Arnab, M.I., Rashid, M.R.A., Rasel, M.M.K., Islam, M.M., Islam, M., & Ali, M.S. (2024). An extensive image dataset for deep learning-based classification of rice kernel varieties in Bangladesh. *Data in Brief*, 111109.
<https://doi.org/10.1016/j.dib.2024.111109>
Q1, IF: 1.4, CiteScore: 2.6, WoS, Scopus
6. Rahman, M.A., Hamada, M., Sharmin, S., Rimi, T.A., Talukder, A.S., Imran, N., Kobra, K., Ahmed, M.R., Rabbi, M., Matin, M.M.H., & Ali, M.A. (2024). Enhancing early breast cancer detection through advanced data analysis. *IEEE Access*.
<https://doi.org/10.1109/ACCESS.2024.3483095>
Q1, IF: 3.4, CiteScore: 9.8, WoS, Scopus
7. Matin, M.M.H., Khatun, A., Moazzam, M.G., & Uddin, M.S. (2020). An efficient disease detection technique of rice leaf using AlexNet. *Journal of Computer and Communications*, 8(12), 49-57.
<https://doi.org/10.4236/jcc.2020.812005>
8. Khatun, A., Hasan, M.M., Miah, A., & Miah, R. (2020). Comparative study on text classification. *International Journal of Engineering Science Invention (IJESI)*, 9(9), 21-33.
[https://www.ijesi.org/papers/Vol\(9\)i9/Ser-1/C0909012133.pdf](https://www.ijesi.org/papers/Vol(9)i9/Ser-1/C0909012133.pdf)

9. Matin, M.M.H., Kabir, T., Khatun, A., & Islam, M.I. (2020). Data prediction model using combination of clustering and fuzzy technique. *Journal of Computer and Communications*, 8(7), 79-89.
<https://doi.org/10.4236/jcc.2020.87007>
10. Roy, A., Parvin, S., Matin, M.M.H., Nahar, A., & Hasan, M.I. (2026). FireGuard-YOLOv11: Efficient deep vision architecture for early indoor fire hazard detection. *2026 International Conference on Power, Electronics, Communications, Computing, and Intelligent Infrastructure (PECCII)*, Pabna, Bangladesh, pp. 1-6.
<https://doi.org/10.1109/PECCII70991.2026.11661816>

REFERENCES

Dr. Mohammad Shorif Uddin

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Dr. Md. Musfique Anwar

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