

Faysal Mahmud

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GITHUB: <https://github.com/Faysal-MD> | LINKEDIN: <https://www.linkedin.com/in/faysalmahmud/>

WEB: <https://faysal-md.github.io/faysal-mahmud.github.io/>

CAREER OBJECTIVE

Looking for chances to apply my knowledge and talents in research field that will allow me to advance professionally while remaining adaptable, creative, and resourceful. A proactive learner who can function in a welcoming atmosphere and has a positive outlook. Capable of picking up new ideas, and successfully expressing ideas to others.

RESEARCH EXPERIENCE

Conference Proceeding

- **Mahmud, Faysal, Yusha Abdullah, Minhajul Islam, and Tahsin Aziz. "Unmasking Deepfake Faces from Videos Using An Explainable Cost-Sensitive Deep Learning Approach."** In 2023 26th International Conference on Computer and Information Technology (ICCIT), pp. 1-6. IEEE, 2023.
Doi: [10.1109/ICCIT60459.2023.10441026](https://doi.org/10.1109/ICCIT60459.2023.10441026)

Preprint

- **Mahmud, Faysal, Md Mahin Mahfiz, Md Zobayer Ibna Kabir, and Yusha Abdullah. "An Interpretable Deep Learning Approach for Skin Cancer Categorization."** arXiv preprint arXiv:2312.10696 (2023).
Doi: [10.48550/arXiv.2312.10696](https://doi.org/10.48550/arXiv.2312.10696)

SKILLS

- **Programming Language:** Python, Java, C++
- **Machine Learning & Deep Learning Libraries:** TensorFlow, Keras, PyTorch, NumPy, Pandas, Matplotlib, Sklearn
- **Database:** MySQL, MSSQL, Oracle PL/SQL

EDUCATION

- **Ahsanullah University of Science & Technology** 2019 - 2023
B.Sc. in Computer Science & Engineering
Undergraduate Thesis: Unmasking Deepfake Faces from Videos Using An Explainable Cost-Sensitive Deep Learning Approach.
CGPA: 3.32 out of 4.0
- **Dhaka College** 2015 - 2017
Higher Secondary School Certificate
GPA: 5.0 out of 5.0

ACADEMIC PROJECTS

Undergraduate Course Projects (2019 – 2023)

- An Interpretable Machine Learning Approach for Bengali Cyberbullying Detection ([Github](#))
- E-commerce website using HTML, CSS, JavaScript, and MySQL ([Github](#))
- Pharmacy Management System using Java ([Github](#)) | ([YouTube](#))
- Car Dealer Site using ASP.NET MVC 5 ([Github](#))
- Single Person Shooting Game using iGraphics ([Github](#)) | ([YouTube](#))

ADDITIONAL INFORMATION

Test Scores

- IELTS: 7 (Listening – 7, Reading – 8, Writing – 6.5, Speaking – 6.5)
- GRE:

Online Courses

- Programming for Everybody (Getting Started with Python): ([Certificate](#))
- Python Data Structures: ([Certificate](#))

Conference

- 26th International Conference on Computer & Information Technology ([ICCIT 2023](#)): I presented 2 of our research papers at this conference ([Certificate -1](#), [Certificate – 2](#))

Co-curricular Activities

- **Competitive Programming:** CodeForces (Handle: [FaysalMahmud](#), Contest Rating: 350)
- **Intra AUST Programming Contest:** Fall 2018 ([Certificate](#))
- **Intra AUST Programming Contest:** Spring 2019 ([Certificate](#))
- **Inter-University Event:** I created a Soccer Bot and participated in that event ([Certificate](#))

Volunteer Activity

- **University Transport Ordinator:** I ensured daily safe transportation for nearly 200 students by maintaining our university bus route, demonstrating a commitment to reliability and safety.

REFERENCE

Tahsin Aziz

Assistant Professor

Department of Computer Science and Engineering

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