# 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/

## 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

### 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

## 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
Ahsanullah University of Science & Technology,
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