Mahfujur Rahman

Nationality: Bangladeshi   **Date of birth:** 17 Dec 1999

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ABOUT ME

Energetic and driven individual passionate about personal growth, collaboration, and positive influence. Enjoys travel, photography, trekking for creativity and well-being. Approaches opportunities with an open mind, lifelong learning, and a genuine desire to excel.

WORK EXPERIENCE

Volunteer

Computer club(UIU) [11 Jun 2021 – 25 May 2024]

City: Dhaka | **Country:** Bangladesh

IT Support Engineer

Top Network [15 Sep 2023 – Current]

City: Noakhali | **Country:** Bangladesh

❖ Helped identify and resolve technical issues reported by users
❖ Responded to inquiries, provide guidance, and offer step-by-step instructions to resolve issues.

ML Researcher

[14 May 2023 – Current]

Collaborated with cross-functional teams to collect and preprocess large-scale datasets, applying data augmentation techniques to enhance model generalization and robustness.

Computer Vision Engineer

ANNEX AI [14 Apr 2024 – Current]

City: Dhaka | **Country:** Bangladesh

Data Annotation Expertise: Proficient in data annotation tasks, ensuring high-quality datasets for AI model training.
Leadership Experience: Successfully led data annotation teams, optimizing workflows and maintaining project timelines.
AI Model Development: Contributed to the creation and development of AI models, providing valuable insights and solutions.
Software Development Integration: Collaborated with software development teams to integrate AI models into innovative applications.

LANGUAGE SKILLS

Mother tongue(s): Bangla

Other language(s):

English

LISTENING B2 **READING** A2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Software Engineering

Problem solving / Research Methodology / SDLC in Agile methodologies / Programming / JavaScript

Data Engineering

Machine Learning Algorithms / C++ / SQL / Microsoft Office / Java / Python / C# / Deep Learning frameworks: Pytorch, Tensorflow, Keras / Data Gathering, Data Processing, Data Visualization, Data Analysis

COMMUNICATION AND INTERPERSONAL SKILLS

Communication ❖ Proficient verbal and written communication
❖ Presentation and public speaking abilities

ORGANISATIONAL SKILLS

Teamwork ❖ Collaborative approach in working with diverse teams.
❖ Relationship building and networking

JOB RELATED SKILLS

IT Skills

❖ Programming Languages: Python, Php, Java, C, C#, C++
❖ Software: Microsoft Office Suite, GitHub

❖ Statistical Software: Pandas, NumPy, Matplotlib

❖ Operating Systems: Windows, Linux

❖ Database: MySQL

❖ Machine Learning Libraries: Tensor Flow, Kera's, PyTorch, Scikit-learn

PROJECTS

Driver Drowsiness Detection Using Effective Deep Learning Algorithm
Worldwide, drowsy driving is a major cause of accidents on the road. Automated systems that can identify drivers who are drowsy and alert them in advance of an accident have received a lot of attention in recent years. We propose a clever methodology for sluggishness identification utilizing a Dense Convolutional Network (DenseNet) with a considerable component and Long Short-Term Memory(LSTM).Our exploratory outcomes show the adequacy of the proposed strategy in precisely recognizing drowsiness in drivers, in this way further developing street well-being.

RESEARCH INTEREST

Research Interest

- Artificial Intelligence
- Security and Surveillance
- Machine Learning & Deep Learning
- Image Processing
- Healthcare

EDUCATION AND TRAINING

B.Sc. Computer Science & Engineering

United International University [19 Feb 2019 – 13 May 2024]

Address: Madani Avenue, Badda, 1212 Dhaka (Bangladesh) , Dhaka (Bangladesh)

Higher Secondary School

Choumuhani Govt. S. A. College [5 Feb 2015 – 14 Apr 2017]

City: Noakhali | **Country:** Bangladesh