

Ahmed Tahseen Minhaz

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3795 Washington Park Blvd, Cleveland, OH 44105

## Professional Summary

Experienced ML engineer with a proven track record in Gen AI, Data Science, and ML, seeking to level

## Education

PhD, Biomedical Engineering (2024), Case Western Reserve University

Dissertation: AI and 3D imaging of the eye

M.Sc., Electrical and Electronic Engineering (2018), Bangladesh University of Engineering and Techno

Thesis: Speech enhancement in wavelet domain based on generative adversarial network

B.Sc., Electrical and Electronic Engineering (2016), Bangladesh University of Engineering and Techno

Thesis: Sleep apnea detection using EEG signal features

## Skills

Strong problem-solving, communication and collaboration skills, with a track record of team managem

Proficient in statistics, machine learning, deep learning, computer vision, gen AI and image processing

Expertise in imaging physics, formation, reconstruction, enhancement, segmentation, quality assessm

Experience with managing and analyzing large datasets, ensuring data quality and integrity.

Expertise in different imaging and signal modalities (natural image, ultrasound, CT, X-ray, audio, bio-s

Programming: Python (PyTorch, Keras/TensorFlow, OpenCV, scikit-learn, SciPy, NumPy, Pandas), P

Data query, visualization, and control tools: SQL, Git, Excel, Tableau, Power BI, Amira, 3D Slicer, ITK

## Research and Professional Experience

Postdoctoral Research Fellow, BME

Cleveland Clinic, OH 2024-

Development of AI-driven tools for image segmentation and image quality improvement in clinical mus

Graduate Research Assistant, Biomedical Imaging Laboratory

Case Western Reserve University, Cleveland, OH

2018-2024