

Mashrur Mahmud Morshed

AI Engineer, Intelligent Machines

Dhaka, Bangladesh

Email: mashrur@intelligentmachin.es

Website: ID56.github.io

EDUCATION

Islamic University of Technology, Bangladesh Jan. 17 - Mar. 21
Bachelor of Science, Computer Science & Engineering
CGPA: 3.87/4.00

EXPERIENCE

AI Engineer Feb. 21 - Present
Intelligent Machines

Undergraduate Researcher Jan. 20 - Mar. 21
SSL Research Group, Department of CSE, IUT

- Worked on developing robust hand gesture recognition systems, supervised by Dr. Hasan Mahmud, Assistant Professor, IUT.

Teaching Assistant - CSE4709: Machine Learning Jan. 20 - July 20
Department of CSE, IUT

Intern - iOS Team Nov. 19 - Jan. 20
Samsung Research (SRBD)

- Worked on developing applications based on conditional GANs and Image-to-Image translation.

PUBLICATIONS

- [1] Mashrur M. Morshed, A. O. Ahsan, Hasan Mahmud, and Md. Kamrul Hasan. "Learning Audio Representations With MLPs." Under review. (2022)
- [2] Mashrur M. Morshed, and A. O. Ahsan. "Attention-Free Keyword Spotting." PML4DC, **ICLR** 2022 (To Appear).
- [3] Hasan Mahmud, Mashrur M. Morshed, and Md. Kamrul Hasan. "A Deep Learning-based Multimodal Depth-Aware Dynamic Hand Gesture Recognition System." Under review. (2021).

ACHIEVEMENTS

HEAR Challenge, **NeurIPS** 2021 Oct. 2021

- 1st place: Speech Commands Full, Speech Commands 5H, Mridingham Tonic
- 3rd place: Mridingham Stroke, Beehive States

Handwritten Bengali Grapheme Classification, **Kaggle** Mar. 2020

- 57th place (Silver medal).

MicroNet Challenge, **NeurIPS** 2019 Oct. 2019

- 26th place, Vision (CIFAR-100) track.

ONGOING WORK

Efficient Single Image Super Resolution Mar. 2022

- Submission for NTIRE Efficient SR Track, **CVPR** 2022