

MD. Zahidul Islam

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Research Interest

2D/3D Computer Vision, Image restoration, Generative models, NeRF

Education

- 2018 - 2021 **B.Sc. in Computer Science and Engineering**, *Hajee Mohammad Danesh Science and Technology University(HSTU)*, CGPA: 3.32/4.00 [Average till 7th semester]
Dinajpur, Bangladesh
- 2015 - 2017 **Higher Secondary Certificate(HSC)**, *Trust College*, GPA: 5.00/5.00
Dhaka, Bangladesh
- 2011 - 2015 **Secondary School Certificate(SSC)**, *Charkalia High School*, GPA: 4.92/5.00
Chandpur, Bangladesh

Work Experience

- 2022 - 2023 **Research Assistant**, *R&D Project*, funded by the **Ministry of Science & Technology Bangladesh**, Title: An Efficient Masked Face Recognition System
Supervised By Md. Abu Marjan, *Assistant Professor*, HSTU

Research Experience

Published

- 2022 MA Marjan, M Hasan, **MD. Zahidul Islam**, MP Uddin, MI Afjal, ”**Masked Face Recognition System using Extended VGG-19**” *4th International Conference on Electrical, Computer & Telecommunication Engineering(ICECTE)*, Rajshahi, Bangladesh, DOI: 10.1109/ICECTE57896.2022.10114484
- 2022 MF Rabbi, MN Sultan, M Hasan, **Md. Zahidul Islam**, ”**Tribal Dress Identification using Convolutional Neural Network**” *Journal of Information Hiding and Multimedia Signal Processing*, Link

Under Review

- 2023 **MD. Zahidul Islam**, MS Ferdous, P Sarker, P Bhowmik, MA Marjan, MP Uddin, MF Rabbi, ”**Speckle Noise Removal from Retinal OCT Images via GAN and Multiple Weighted Loss Functions**” *Pattern Recognition and Image Analysis*
- 2023 MA Marjan, **MD. Zahidul Islam**, M Hasan, MI Afjal, NB Sadia, MP Uddin ”**Masked Face Recognition-Driven Security System for COVID-19 Issue Resolution**” *Computers and Electrical Engineering*

Work in Progress

Artistic Style Transfer: Bangladeshi Context

Projects

- 2023 **Save Researchers**, A Chrome extension to ease the process of saving the details of researchers such as Name, institution, Website, and Scholar profile link for further queries. It also modifies the webpage and adds an input field for additional notes. The results will be viewed as a table and can be exported as a CSV file.
🔗 **Javascript, HTML**
- 2022 **HSTU Social**, A Social Media App to facilitate as a forum among HSTU students, Submitted as a requirement in Level 3, Semester II
🔗 **Python-Flask, Bootstrap**
- 2022 **HSTU MessFinder**, A webapp to simplify the process of finding Student Mess, Submitted as a requirement in Level 3, Semester I
🔗 **Python-Django, Bootstrap**
- 2022 **HSTU ChangeHands**, A webapp to sell & buy used products among HSTU students., Submitted as a requirement in Level 3, Semester I
🔗 **Python-Django, Bootstrap**

Skills Summary

Language	Python, C++, C
Frameworks	PyTorch, TensorFlow, Flask, Django, Bootstrap
Database	MySQL
Tools	Git, Github, L ^A T _E X
Additional	Photography, Graphics Design, Illustrator

Extra Curricular Activities

- 2023-Present **Organizing Secretary**, *Programmers Arena*, Department of CSE, HSTU
My role is to arrange workshops and monthly programming contests and take initiative to spark interest among the students in programming.
- 2021-2022 **Publication Secretary**, *CSE Club of HSTU*, Department of CSE, HSTU
My Role here was to maintain the public relations of this club.
- 2019-2021 **Assistant Publication Secretary**, *CSE Club of HSTU*, Department of CSE, HSTU
My role here was to assist the publication section by preparing and circulating the news related to the CSE department.
- 2018-2019 **Executive Member**, *Programmers Arena*, Department of CSE, HSTU
Took classes of the freshers and helped them taking the first step into the programming world.

Online Courses

- 2023 Neural Networks and Deep Learning, *Coursera*
- 2023 Convolutional Neural Network, *Coursera*
- 2023 Introduction to Bash Shell Scripting, *Coursera*

Awards and Competitions

- 2019 1st Runner-Up in Intra-University Programming Contest
Participated in 2 Inter-University Programming Contests
Participated in several Intra university Programming Contests