Shafkat Khan Siam
AI Researcher & Developer

✉ sk.siam@outlook.com

📍 G.P.JA-127, Mohakhali, Banani, Dhaka, Bangladesh

in linkedin.com/in/shafkat022

📱 +8801626552353

🖥 khan022.github.io/

⚙ github.com/khan022

EDUCATION

Masters in Computer Engineering
Chosun University

03/2021 - 02/2023   *3.60/4.00*

Thesis
- Aggregated multiscale self-supervised denoising

B.Sc. in Electronics and Communication Engineering
Khulna University of Engineering & Technology

12/2014 - 03/2019   *3.01/4.00*

Thesis
- Classification of Chest X-Ray images to detect pneumonia using Deep Residual Network

WORK EXPERIENCE

Artificial Intelligence Engineer
Banglalink Digital Communications Ltd.

01/2025 - 04/2025   *Dhaka, Bangladesh*

Tasks
- Developed a zero-shot system for audio-to-sentiment analysis classifier.

Machine Learning Engineer
Rokomari Ltd

03/2024 - 01/2025   *Dhaka, Bangladesh*

Tasks
- Developed Recommendation Engine for the e-commerce site Rokomari.com. Created data cleaning and processing pipeline for personalized recommendation.
- Created AI powered chat bot system to intelligently answer customer queries.

Research Engineer
Computer Vision Lab, Chosun University

04/2021 - 02/2023   *Kwangju, Republic of Korea*

Tasks
- Designed and developed code for self-supervised image denoising techniques.
- Worked on the National Research Foundation of Korea (NRF) grant funded by the Korea government (MSIT) (NRF-2021R1A2C1009776).

Reference : Salman Md Sultan - +8801705644008

System Engineer
Grameenphone Ltd

07/2019 - 06/2020   *Dhaka, Bangladesh*

Tasks
- Conducted 24/7 alarm surveillance of network elements and systems. Performed stability checks based on system benchmarks.
- Provided terminal-based support during planned activity execution in the network and ensuring successful completion. Enhanced the experience for content providers.

Reference : Fathhul Bari - +8801711086744

SKILLS

AI Frameworks   NLP   Deep Learning
Transfer Learning   Image Processing
Numpy/ Pandas   Tensorflow/ Keras
Supervised/ Unsupervised ML   LLM creation

PROJECTS

FRTE 1:1 face recognition project Competition (NRF-2021R1A2C1009776) (04/2021 - 02/2023)
- Developed a custom face recognition model based on Residual Connection.

Explainable AI (NRF-2021R1A2C1009776) (04/2021 - 02/2023)
- Developed a method for calculating how an AI model interpret a class.

Supervised Image Denoising (NRF-2021R1A2C1009776) (04/2021 - 02/2023)
- Created method based on extracting shallow features from Image.

Portable printer prototype (09/2017 - 01/2018)
- It's developed using microprocessor. Which can use any image input and draw that image on a paper.

PUBLICATIONS

Rethinking Gradient Weight's Influence over Saliency Map Estimation, MDPI, Sensors, 22 (17), 6516, 2022. ⧉
Masud An Nur Fahim, Nazmus Saqib, Shafkat Khan Siam, Ho Yub Jung

Denoising Single Images by Feature Ensemble Revisited, MDPI, Sensors, 22 (18), 7080, 2022. ⧉
Masud An Nur Fahim, Nazmus Saqib, Shafkat Khan Siam, Ho Yub Jung

PROGRAMMING LANGUAGES

Python
Full Professional Proficiency

C++
Professional Working Proficiency

MatLab
Professional Working Proficiency