MOHAMMAD REZA NADERI

AI Developer
25 years old

CONTACT

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in Mohammadreza naderi

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PROGRAMING

C ▬▬▬▬▬▬▬▬
C++ ▬▬▬▬▬▬▬▬▬
Matlab ▬▬▬▬▬
Python ▬▬▬▬▬▬▬▬▬▬

I'm interested and skilled on:

⟳ Pytorch

🔺 Tensorflow

LANGUAGES

English ▬▬▬▬▬▬
Persian ▬▬▬▬▬▬▬▬

SUMMARY

I am an AI developer that recently got my master degree at system telecommunication engineering at Isfahan university of technology. I was studying generative adversarial networks and transformers and their applications in medical image segmentation, image inpainting, image retargeting, image super-resolution and domain adaptation fields. I'm a code master and I'm open to work on innovative vision ideas.

EDUCATION

M. Sc. In System communication engineering
Isfahan university of technology | 2019-2022
Isfahan, Iran
- GPA: 17.14 out of 20

B. Sc. In Electrical engineering
Shiraz university of technology | 2015-2019
Shiraz, Iran
- GPA: 18.81 out of 20
- Rank 1 between the electrical engineering students
- Honored as best students of the university

PUBLICATIONS AND PROJECTS

Naderi, MohammadReza, MohammadHossein Givkashi, Nader Karimi, Shahram Shirani, and Shadrokh Samavi. "SFI-Swin: Symmetric Face Inpainting with Swin Transformer by Distinctly Learning Face Components Distributions." (2023)
- Arxiv version: https://arxiv.org/abs/2301.03130
- Project page: https://github.com/mohammadrezanaderi4/SFI-Swin

Naderi, MohammadReza, MohammadHossein Givkashi, Fatemeh Piri, Nader Karimi, and Shadrokh Samavi. "Focal-UNet: UNet-like Focal Modulation for Medical Image Segmentation." (2022)
- Arxiv version: https://arxiv.org/abs/2301.03130
- Project page: https://github.com/givkashi/Focal-Unet

Naderi, Mohammadreza, Nader Karimi, Ali Emami, Shahram Shirani, and Shadrokh Samavi. "Dynamic-Pix2Pix: Noise Injected cGAN for Modeling Input and Target Domain Joint Distributions with Limited Training Data." (2022)
- Arxiv version: https://arxiv.org/abs/2211.08570

MOHAMMAD REZA
NADERI

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Skills

Professional at:

Idea person

Team work

Team management

Fast typing

Professional Coding

OS PREFERENCE

Windows

Linux

mac OS

Hobbies

Gaming

Gym

Adventure

PUBLICATIONS AND PROJECTS CONTINUED

Naderi, Mohammad Reza, Mohammad Hossein Givkashi, Nader Karimi, Shahram Shirani, and Shadrokh Samavi. "OAIR: Object-Aware Image Retargeting Using PSO and Aesthetic Quality Assessment." (2022).

- Arxiv version: https://arxiv.org/abs/2209.04804

Naderi Boldaji, Mohammad Reza, and Samaneh Hosseini Semnani. "Color image segmentation using multi-objective swarm optimizer and multi-level histogram thresholding." Multimedia Tools and Applications (2022)

- Springer version: https://link.springer.com/article/10.1007/s11042-022-12443-9

Naderi, Mohammadreza, Zahra Nabizadeh, Nader Karimi, Shahram Shirani, and Shadrokh Samavi. "MSGDD-cGAN: Multi-Scale Gradients Dual Discriminator Conditional Generative Adversarial Network." (2021).

- Arxiv version: https://arxiv.org/abs/2109.05614

References

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