

Nazia Perwaiz

Assistant Professor

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About

Dr. Nazia Perwaiz is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Nazia Perwaiz has a PhD in AI and Machine Learning. Dr. Nazia Perwaiz has published 13 research articles & conference papers having a citation count of 123, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in AI and Machine Learning NUST, Islamabad , Pakistan	2016 - 2022
MS in Computer Software Engineering BSE, Karachi , Pakistan. (Duplicate)	2007 - 2011
BS in Information Technology BSE, Karachi , Pakistan. (Duplicate)	2003 - 2007

Experience

Assistant Professor School of Electrical Engineering and Computer Science	2023- Present
Project Manager School of Electrical Engineering and Computer Science	2021 - 2023
Application Administrator (LMS) School of Electrical Engineering and Computer Science	2021 - 2021
Application Administrator (LMS) School of Electrical Engineering and Computer Science	2014 - 2021
LMS Coordinator School of Mechanical & Manufacturing Engineering	2014 - 2014
LMS Coordinator School of Mechanical & Manufacturing Engineering	2011 - 2014
Project Manager (NUST-Learning Management System) NUST , NUST, Sector H-12, Islamabad	2021 - 2023
Application Administrator NUST , H 12, Islamabad	2014 - 2021
LMS Coordinator NUST , H-12, Islamabad	2011 - 2014

- Person re-identification: A retrospective on domain specific open challenges and future trends** 2023
Asmat Zahra Nazia Perwaiz Muhammad Shahzad Muhammad Moazam Fraz
Pattern Recognition , Volume 142, Article Number: 109669
Impact Factor: 8.0 | **Quartile:** 1 | **Citations:** 58
DOI: 10.1016/j.patcog.2023.109669
- TransPose Re-ID: transformers for pose invariant person Re-identification** 2023
Nazia Perwaiz Muhammad Shahzad Muhammad Moazam Fraz
Journal of Experimental & Theoretical Artificial Intelligence, Pages:14
Impact Factor: 2.296 | **Quartile:** 3
DOI: 10.1080/0952813X.2023.2214570
- Ubiquitous vision of transformers for person re-identification** 2023
Nazia Perwaiz Muhammad Shahzad Muhammad Moazam Fraz
Machine Vision and Applications , Volume 34, Issue 2, Article Number 27
Impact Factor: 2.983 | **Quartile:** 2 | **Citations:** 6
DOI: 10.1007/s00138-023-01376-4
- Smart surveillance with simultaneous person detection and re-identification** 2022
Nazia Perwaiz Muhammad Moazam Fraz Muhammad Shahzad
Multimedia Tools and Applications , Pages 1-22
Impact Factor: 2.577 | **Quartile:** 2 | **Citations:** 3
DOI: 10.1007/s11042-022-13458-y
- Per-former: rethinking person re-identification using transformer augmented with self-attention and contextual mapping** 2022
Nazia Perwaiz Muhammad Moazam Fraz Muhammad Shahzad
Visual Computer , Pages 1-16
Impact Factor: 2.835 | **Quartile:** 2 | **Citations:** 7
DOI: 10.1007/s00371-022-02577-0
- Stochastic attentions and context learning for person re-identification** 2021
Nazia Perwaiz Muhammad Moazam Fraz Muhammad Shahzad
PeerJ Computer Science , Volume 7, Article Number e447
Impact Factor: 2.411 | **Quartile:** 2 | **Citations:** 7
DOI: 10.7717/peerj-cs.447
- Person Re-Identification Using Hybrid Representation Reinforced by Metric Learning** 2018
Muhammad Shahzad Nazia Perwaiz Muhammad Moazam Fraz
IEEE Access , Volume: 6 Pages: 77334-77349 , November 2018
Impact Factor: 4.098 | **Quartile:** 1 | **Citations:** 32
DOI: 10.1109/ACCESS.2018.2882254

Leukemia Cancer Classification using Micro Gene Array Dataset

Shifa Fatima Nazia Perwaiz Sidra Sultana Farzana Jabeen Nazia Perwaiz Tahira Anwar Lashari

21st International Conference on Frontiers of Information Technology (FIT'24), res.country(177,)

Citations: N/A

DOI: Nil

2024

SPOTifying the Sentinel-2 Imagery: Harnessing the Power of Attention in Real World Single Image Super-Resolution

Muhammad Moazam Fraz Zuhair Zafar Nazia Perwaiz Bostan Khan Usama Aleem Shami

International Conference on Asia Pacific Advanced Network (APAN 2024), res.country(177,)

Citations: N/A

DOI: https://doi.org/10.1007/978-3-031-89813-6_2

2024

Unveiling the Potential of Vision Transformer Architecture for Person Re-identification

Nazia Perwaiz M. Shahzad Muhammad Moazam Fraz

2022 24th International Multitopic Conference, INMIC 2022, res.country(177,)

Citations: 1

DOI: 10.1109/INMIC56986.2022.9972908

2022

Smart Visual Surveillance: Proactive Person Re-identification instead of Impulsive Person Search

Nazia Perwaiz Muhammad Moazam Fraz Muhammad Shahzad

2020 IEEE 23rd International Multitopic Conference (INMIC), res.country(177,)

Citations: N/A

DOI: 10.1109/INMIC50486.2020.9318107

2020

Hierarchical Refined Local Associations for Robust Person Re-Identification

Nazia Perwaiz Muhammad Moazam Fraz Muhammad Shahzad

2019 International Conference on Robotics and Automation in Industry (ICRAI), res.country(177,)

Citations: 9

DOI: 10.1109/ICRAI47710.2019.8967389

2019

A study on distributed diffusion and its variants

Nazia Perwaiz Muhammad Younas Javed

2009 12th International Conference on Computers and Information Technology, res.country(19,)

Citations: N/A

DOI: 10.1109/ICCIT.2009.5407169

2009