Khawir Mahmood

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About

Dr. Khawir Mahmood is working as Defence Faculty in the Military College of Signals. Dr. Khawir Mahmood has published 6 research articles & conference papers having a citation count of 69, carried out 1 projects and filed 0 intellectual property.

Qualifications

MS in Machine Learning   2017 - 2019
   NUST, Islamabad , Pakistan

BE in Software Engineering   2001 - 2005
   NUST, Islamabad , Pakistan

Experience

Defence Faculty   2019- Present
   Military College of Signals

Research Projects

National Projects

AI STP- Web Appl Security Evaluation and Health Informatics   2022
   Funding Agency: Army
   Amount: PKR 15,060,000.00
   Status: Approved_inprocess

International Projects

Research Articles

A light-weight deep learning framework for Low Light Image Enhancement

2025

Laraib Zainab Hammad Afzal Khawir Mahmood Omar Arif

Neurocomputing , Volume 621, Article Number 129236

Impact Factor: 5.500 | **Quartile:** 1 | **Citations:** 3
DOI: https://doi.org/10.1016/j.neucom.2024.129236

Low Resource Summarization using Pre-trained Language Models

2024

Mubashir Munaf Hammad Afzal Khawir Mahmood Naima Iltaf

ACM Transactions on Asian and Low-Resource Language Information Processing, Pages:19

Impact Factor: 1.800 | **Quartile:** 3 | **Citations:** 6
DOI: https://doi.org/10.1145/3675780

Underwater image enhancement using lightweight vision transformer

2024

Muneeba Daud Hammad Afzal Khawir Mahmood

Multimedia Tools and Applications , Pages: 23

Impact Factor: 3.6 | **Quartile:** 2 | **Citations:** 1
DOI: 10.1007/s11042-024-18550-z

NT-FDS—A Noise Tolerant Fall Detection System Using Deep Learning on Wearable Devices

2021

Hammad Afzal Khawir Mahmood Marvi Waheed

Sensors , Volume 21(6), Article Number 2006

Impact Factor: 3.847 | **Quartile:** 2 | **Citations:** 49
DOI: https://doi.org/10.3390/s21062006

On the efficiency of software implementations of lightweight block ciphers from the perspective of programming languages

2020

Khawir Mahmood Abdur Rehman Raza Khan Muhammad Faisal Amjad Haider Abbas Mehreen Afzal

Future Generation Computer Systems , Volume:104, Page:43-59

Impact Factor: 7.187 | **Quartile:** 1 | **Citations:** 10
DOI: https://doi.org/10.1016/j.future.2019.09.058

Conference Proceedings

Detection and Analysis of Mental Health Illness using Social Media

2023

Rabia Qayyum Hammad Afzal Khawir Mahmood Naima Iltaf

4th International Conference on Communication Technologies, ComTech 2023, res.country(177,)

Citations: N/A
DOI: 10.1109/ComTech57708.2023.10165143