

Usman Zia

Adjunct Faculty

School of Interdisciplinary Engineering & Sciences

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Contact:



About

Dr. Usman Zia is working as Adjunct Faculty in the School of Interdisciplinary Engineering & Sciences. Dr. Usman Zia has a PhD in Software Engineering. Dr. Usman Zia has published 5 research articles & conference papers having a citation count of 42, carried out 4 projects and filed 0 intellectual property.

Qualifications

PhD in Software Engineering NUST, Islamabad , Pakistan	2015 - 2022
MS in Computer Engineering UET Taxila , Pakistan	2009 - 2013
BE in Electronics NUST, Islamabad , Pakistan	1999 - 2002

Experience

Adjunct Faculty School of Interdisciplinary Engineering & Sciences	2023- Present
Lt Col GHQ , GHQ	2003 - 2023

Research Projects

National Projects	
Improving Bilingual Data Quality in Citizen Records & Semantic Information Retrieval Funding Agency: NADRA Amount: PKR 6,980,000.00 Status: Approved_inprocess	2025
NUST Digital Twin through Advanced Modeling & Simulation Funding Agency: NUST Amount: PKR 50,000,000.00 Status: Approved_inprocess	2024
Domain Specific GPT (Large Language Model) Funding Agency: Army Amount: PKR 1,720,000.00 Status: Approved_inprocess	2023
SafeRail: Development of Obstacle Detection and Warning System using Microwave Long Range Radar for ML-1 Railway Line Funding Agency: HEC Amount: PKR 39,918,000.00 Status: Completed	2021

International Projects

Research Articles

Efficient Text Style Transfer through Robust Masked Language Model and Iterative Inference

Osama Subhani Khan Naima Iltaf Usman Zia Rabia Latif Nor Shahida Mohd Jamail

IEEE Access , Volume 12, Pages 182353-182373

Impact Factor: 3.400 | Quartile: 2 | Citations: 1

DOI: 10.1109/ACCESS.2024.3501320

2024

Deep-view linguistic and inductive learning (DvLIL) based framework for Image Retrieval

Ikhtlaq Ahmed Naima Altaf Dr Usman Zia0 Zafran Khan

Information Sciences , Volume 649, Article Number: 119641

Impact Factor: 8.1 | Quartile: 1 | Citations: 4

DOI: 10.1016/j.ins.2023.119641

2023

An Effective Model for Indirect Trust Computation in Pervasive Computing Environment

Naima Altaf Abdul Ghafoor Usman Zia Mukhtar Hussain

Wireless Personal Communications , Volume: 75 Issue: 3 Pages: 1689-1713 Special Issue: SI

Impact Factor: 0.653 | Quartile: 4 | Citations: 5

DOI: 10.1007/s11277-013-1299-1

2014

A mechanism for detecting dishonest recommendation in indirect trust computation

Naima Altaf Abdul Ghafoor Usman Zia

EURASIP Journal on Wireless Communications and Networking, Article Number: 189

Impact Factor: 0.805 | Quartile: 3 | Citations: 32

DOI: 10.1186/1687-1499-2013-189

2013

Conference Proceedings

Remote Sensing Cross-Modal Text-Image Retrieval Using Multi-Grade Dynamic Feature Fusion

Fatima Ali Naima Iltaf Usman Zia

2025 International Conference on Communication Technologies, ComTech 2025, res.country(177,)

Citations: N/A

DOI: 10.1109/ComTech65062.2025.11034565

2025