

Waleed Bin Shahid

Assistant Professor

Military College of Signals

Email: waleed.shahid@mcs.edu.pk

Contact: 051924095

LinkedIn: linkedin.com/in/waleed-bin-shahid-0b546914/



About

Dr. Waleed Bin Shahid is working as Assistant Professor in the Military College of Signals. Dr. Waleed Bin Shahid has a PhD in Deception Networks. Dr. Waleed Bin Shahid has published 12 research articles & conference papers having a citation count of 189, carried out 5 projects and filed 1 intellectual property.

Qualifications

PhD in Deception Networks NUST, Islamabad , Pakistan	2018 - 2022
MS in Android Malware Analysis NUST, Islamabad , Pakistan	2010 - 2013

Experience

Assistant Professor Military College of Signals	2025- Present
Assistant Professor Military College of Signals	2023 - 2023
Assistant Professor Military College of Signals	2023 - 2023
Assistant Professor Military College of Signals	2017 - 2023
Lecturer Military College of Signals	2013 - 2017
TVF Air University , Islamabad	2013 - 2014
TVF SEECs , H-12 Islamabad	2013 - 2013
Senior IS Executive Ufone , I-8 Islamabad	2012 - 2013
R & D Engineer Ministry of Defense , Islamabad	2010 - 2012

Awards

MCS Best Teacher 2018-19

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	
WiFly	2021
Funding Agency: IGNITE	
Amount: PKR N/A	
Status: Completed	
Anti Ghost	2020
Funding Agency: IGNITE	
Amount: PKR 76,250.00	
Status: Completed	
Global Vulnerabilities Development with Scanner	2020
Funding Agency: NESCOM	
Amount: PKR 200,000.00	
Status: Completed	
Sophisticated Malware analysis framework	2017
Funding Agency: NESCOM	
Amount: PKR 100,000.00	
Status: Completed	

International Projects

Security Assessment and Evaluation of VPNs: A Comprehensive Survey

2023

Haider Abbas Naina Emmanuel Muhammad Faisal Amjad Tahreem Yaqoob Muhammad Atiquzzaman Zafar Iqbal Narmeen Shafqat Waleed Bin Shahid Ali Tanveer Umer Ashfaq

ACM Computing Surveys, Volume 55, Issue 13s

Impact Factor: 14.324 | **Quartile:** 1 | **Citations:** 18

DOI: <https://doi.org/10.1145/3579162>

A deep learning assisted personalized deception system for countering web application attacks

2022

Waleed Bin Shahid Haider Abbas Hammad Afzal Saad Bin Khalid Baber Aslam

Journal of Information Security and Applications, Volume 67, Article Number 103169

Impact Factor: 3.872 | **Quartile:** 2 | **Citations:** 10

DOI: <https://doi.org/10.1016/j.jisa.2022.103169>

An enhanced deep learning based framework for web attacks detection, mitigation and attacker profiling

2022

Waleed Bin Shahid Haider Abbas Saad Bin Khalid Hammad Afzal Baber Aslam

Journal of Network and Computer Applications, Volume 198, Article Number 103270

Impact Factor: 8.7 | **Quartile:** 1 | **Citations:** 43

DOI: <https://doi.org/10.1016/j.jnca.2021.103270>

Forensic Analysis of Social Networking Applications on an Android Smartphone

2021

Mian Muhammad Waseem Iqbal Anoshia Manahil Mohsin Iftikhar Waleed Bin Shahid Khwaja Mansoor Saddaf Rubab

Wireless Communications and Mobile Computing, Volume 2021, Article ID 5567592, 36 pages

Impact Factor: 2.146 | **Quartile:** 3 | **Citations:** 23

DOI: <https://doi.org/10.1155/2021/5567592>

Cybersecurity Standards in the Context of Operating System: Practical Aspects, Analysis, and Comparisons

2021

Syed Wasif Abbas Hamdani Haider Abbas Abdul Rehman Janjua Waleed Bin Shahid Muhammad Faisal Amjad Jahanzaib Malik Malik Hamza Murtaza

Mohammed Atiquzzaman Abdul Waheed Khan

ACM Computing Surveys, Volume 54, Issue 3, Article Number 57

Impact Factor: 14.324 | **Quartile:** 1 | **Citations:** 24

DOI: <https://doi.org/10.1145/3442480>

AdDroid: Rule-Based Machine Learning Framework for Android Malware Analysis

2019

Anam Mehtab Waleed Bin Shahid Tahreem Yaqoob Muhammad Faisal Amjad Haider Abbas Hammad Afzal Malik Najmus Saqib

Mobile Networks and Applications, Pages 1-13

Impact Factor: 2.602 | **Quartile:** 2 | **Citations:** 42

DOI: [10.1007/s11036-019-01248-0](https://doi.org/10.1007/s11036-019-01248-0)

Countering cyber threats for industrial applications: An automated approach for malware evasion detection and analysis

2018

Muzzamil Noor Haider Abbas Waleed Bin Shahid

Journal of Network and Computer Applications, NULL

Impact Factor: 5.273 | **Quartile:** 1 | **Citations:** 18

DOI: <https://doi.org/10.1016/j.jnca.2017.10.004>

Conference Proceedings

A Survey of Network Features for Machine Learning Algorithms to Detect Network Attacks <i>Joveria Rubaab Hammad Afzal Waleed Bin Shahid</i> <i>Asian Conference on Intelligent Information and Database Systems</i> , res.country(241,) Citations: N/A DOI: 10.1007/978-3-031-21967-2_7	2022
A Malware Evasion Technique for Auditing Android Anti-Malware Solutions <i>Samrah Mirza Haider Abbas Waleed Bin Shahid Narmeen Shafqat Mariagrazia Fugini Zafar Iqbal Zia Muhammad</i> <i>2021 IEEE 30th International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE)</i> , res.country(75,) Citations: 11 DOI: https://doi.org/10.1109/WETICE53228.2021.00034	2021
A Framework to Optimize Deep Learning based Web Attack Detection Using Attacker Categorization <i>Waleed Bin Shahid Haider Abbas Hammad Afzal Saad Bin Khalid</i> <i>2021 IEEE 19th International Conference on Embedded and Ubiquitous Computing (EUC)</i> , res.country(48,) Citations: N/A DOI: 10.1109/EUC53437.2021.00022	2021
Profiling vulnerabilities threatening dual persona in android framework <i>Waleed Bin Shahid Khushboo Siddiquie Narmeen Shafqat Dr. Ashraf Masood Dr. Haider Abbas</i> <i>2019 International Conference on Advances in the Emerging Computing Technologies (AECT)</i> , res.country(192,) Citations: N/A DOI: 10.1109/AECT47998.2020.9194151	2020
Feasibility analysis for deploying national healthcare information system (NHIS) for Pakistan <i>Tahreem Yaqoob Faiza Mir Dr. Haider Abbas Waleed Shahid Dr. Muhammad Faisal Amjad Narmeen Shafqat</i> <i>2017 IEEE 19th International Conference on e-Health Networking, Applications and Services (Healthcom)</i> , res.country(48,) Citations: N/A DOI: 10.1109/HealthCom.2017.8210836	2017

Editorial Activities

Reviewed Papers for Journals Impact Factor: 6.281	2022
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Intellectual Property

Copyrights

WOSCoT- Windows operating System Security Compliance Toolkit Status: Filed	2020
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Patents

Industrial Designs

Trademarks

Trainings

Cyber Security Fundamentals Partner: C4I Duration: 16-Aug-2021 to 27-Aug-2021	2021
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