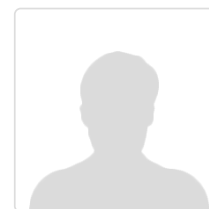# Zahid Anwar

Assistant Professor

School of Electrical Engineering and Computer Science

Email:
Contact:
LinkedIn:

About

Dr. Zahid Anwar is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Zahid Anwar has published 15 research articles & conference papers having a citation count of 552, carried out 0 projects and filed 0 intellectual property.

Qualifications

Experience

Assistant Professor   2021- Present
  School of Electrical Engineering and Computer Science

Assistant Professor   2017 - 2012
  School of Electrical Engineering and Computer Science

Assistant Professor   2012 - 2021
  School of Electrical Engineering and Computer Science

Assistant Professor   2009 - 2017
  School of Electrical Engineering and Computer Science

Research Articles

Spatiotemporal Clustering and Analysis of Road Accident Hotspots by Exploiting GIS Technology and Kernel Density Estimation   2022

Syed Saqib Ali Kazmi Mehreen Ahmed Rafia Mumtaz Zahid Anwar

Computer Journal , Volume 65, Issue 2, Pages 155-176

Impact Factor: 1.494 | **Quartile:** 3 | **Citations:** 31
DOI: https://doi.org/10.1093/comjnl/bxz158

A survey of link flooding attacks in software defined network ecosystems   2020

Raihan-ur-Rasool Hua Wang Usman Ashraf Khandakar Ahmed Zahid Anwar Wajid Rafique

Journal of Network and Computer Applications , Volume 172, Article Number 102803

Impact Factor: 6.281 | **Quartile:** 1 | **Citations:** 43
DOI: https://doi.org/10.1016/j.jnca.2020.102803

A novel JSON based regular expression language for pattern matching in the internet of things   2019

Raihan ur Rasool Maleeha Najam Hafiz Farooq Ahmad3 Zahid Anwar Hua Wang1

Journal of Ambient Intelligence and Humanized Computing , Volume: 10 Issue: 4 Pages: 1463-1481 Special Issue: SI

Impact Factor: 4.594 | **Quartile:** 1 | **Citations:** 8
DOI: 10.1007/s12652-018-0869-1

Cyberpulse: A Machine Learning Based Link Flooding Attack Mitigation System for Software Defined Networks   2019

Raihan-ur-Rasool Usman Ashraf Khandakar Ahmed Hua Wang Wajid Rafique Zahid Anwar

IEEE Access , Volume 7, Pages 34885-34899

Impact Factor: 3.745 | **Quartile:** 1 | **Citations:** 83
DOI: DOI:10.1109/ACCESS.2019.2904236

A Protocol for Preventing Insider Attacks in Untrusted Infrastructure-as-a-Service Clouds   2018

Imran Khan Zahid Anwar Behzad Bordbar Eike Ritter Habib-ur Rehman

IEEE Transactions on Cloud Computing , Volume 6, Issue 4, Pages 942-954

Impact Factor: 5.967 | **Quartile:** 1 | **Citations:** 7
DOI: DOI:10.1109/TCC.2016.2560161

IoTChecker : A Data-driven Framework for Security Analytics of Internet of Things Configurations   2017

Zahid Anwar Farhat Zaman Ehab Al-Shaer Mujahid Mohsin

Computers and Security , Volume 70, Pages 199-223

Impact Factor: 2.650 | **Quartile:** 2 | **Citations:** 39
DOI: 10.1016/j.cose.2017.05.012

Data-driven analytics for cyber-threat intelligence and information sharing   2017

Sara Qamar Zahid Anwar Mohammad Ashiqur Rahman Ehab Al-Shaer Bei-Tseng Chu

Computers and Security , Volume 67, Pages 35-58

Impact Factor: 2.650 | **Quartile:** 2 | **Citations:** 116
DOI: DOI:10.1016/j.cose.2017.02.005

A deliberately insecure RDF-based Semantic Web application framework for teaching SPARQL/SPARUL injection attacks and defense mechanisms   2016

Hira Asghar Zahid Anwar Khalid Latif

Computers and Security , Volume 58, Pages 63-82

Impact Factor: 2.849 | **Quartile:** 2 | **Citations:** 9
DOI: doi:10.1016/j.cose.2015.11.004

A fast and scalable technique for constructing multicast routing trees with optimized quality of service using a firefly based genetic algorithm   2016

Usman Shaukat Zahid Anwar

Multimedia Tools and Applications , Volume 75, Issue 4, Pages 2275-2301

Impact Factor: 1.530 | **Quartile:** 2 | **Citations:** 9
DOI: DOI:10.1007/s11042-014-2405-4

Storage schema and ontology-independent SPARQL to HiveQL translation   2015

Naila Karim Khalid Latif Zahid Anwar Sharifullah Khan Amir Hayat

The Journal of Supercomputing , Volume 71, Issue 7, Pages 2694-2719

Impact Factor: 1.088 | **Quartile:** 2 | **Citations:** 7
DOI: DOI:10.1007/s11227-015-1411-2

RRW-A Robust and Reversible Watermarking Technique for Relational Data   2015

Saman Iftikhar M. Kamran Zahid Anwar

IEEE Transactions on Knowledge and Data Engineering, Volume: 27, Issue: 4, Pages 1132-1145

Impact Factor: 2.476 | **Quartile:** 1 | **Citations:** 78
DOI: 10.1109/TKDE.2014.2349911

GenInfoGuard - A Robust and Distortion-free Watermarking Technique for Genetic Data   2015

Saman Iftikhar Sharifullah Khan Zahid Anwar Muhammad Kamran

PLoS ONE , Volume 10, Issue 02, Article Number e0117717.

Impact Factor: 3.057 | **Quartile:** 1 | **Citations:** 5
DOI: doi:10.1371/journal.pone.0117717

Ontology for attack detection: An intelligent approach to web application security   2014

Abdul Razzaque Zahid Anwar Hafiz Farooq Ahmad Khalid Latif Faisal Munir

Computers and Security , Volume 45, Pages 124-146

Impact Factor: 1.031 | **Quartile:** 2 | **Citations:** 60
DOI: https://doi.org/10.1016/j.cose.2014.05.005

Semantic security against web application attacks   2014

Abdul Razzaque Khalid Latif Hafiz Farooq Ahmad Ali Hur Zahid Anwar Peter Charles Bloodsworth

Information Sciences , Volume:254, Page:19-38

Impact Factor: 4.038 | **Quartile:** 1 | **Citations:** 57
DOI: 10.1016/j.ins.2013.08.007

Conference Proceedings

PISA: Improving the pseudo-randomness of the pen-and-paper cipher based on the Solitaire algorithm   2012

Hirra Anwar Sarah Masood Zahid Anwar

15th IEEE International Multitopic Conference (INMIC) , res.country(177,)

Citations: N/A
DOI: 10.1109/INMIC.2012.6511495