Umair Sajid Hashmi
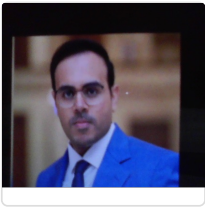
Assistant Professor

School of Electrical Engineering and Computer Science

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About

Dr. Umair Sajid Hashmi is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Umair Sajid Hashmi has a PhD in Electrical And Computer Engineering. Dr. Umair Sajid Hashmi has published 13 research articles & conference papers having a citation count of 402, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Electrical And Computer Engineering　　2014 - 2019
　University of Oklahoma , United States

MBA in Marketing　　2010 - 2013
　Bahria University , Pakistan

MSc in Advanced Distributed Systems　　2009 - 2010
　University of Leicester , England

BS in Electronic Engineering　　2004 - 2008
　Ghulam Ishaq Khan Institute of Science & Technology , Pakistan

Experience

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

Assistant Professor　　2020 - 2021
　School of Electrical Engineering and Computer Science

Assistant Professor　　2019 - 2020
　School of Electrical Engineering and Computer Science

Research Intern / Co-Op　　2018 - 2019
　NOKIA BELL LABS , 600 Mountain Ave bldg 5, New Providence, NJ 07974, United States

Graduate Research Assistant　　2015 - 2019
　University of Oklahoma , 4502 E 41st St, Tulsa, OK 74135, United States

Manager　　2013 - 2014
　Pakistan Telecommunication Company Limited (PTCL) , Aiwan-e-Sanat-o-Tijarat, G-8 Mauve Area Block-E G-8, Islamabad, Islamabad Capital Territory

Senior Lecturer　　2010 - 2014
　Bahria University , Shangrilla Rd, E-8/1 E 8/1 E-8, Islamabad, Islamabad Capital Territory

Senior Lecturer　　2010 - 2014
　Bahria University , Shangrilla Rd, E-8/1 E 8/1 E-8, Islamabad, Islamabad Capital Territory

Professional Memberships

PEC　　Since 2008

Research Articles

Efficient Network Slicing for 5G Services in Cloud Fog-RAN Deployment over WDM Network　　2023
　Muhammad Ahsan Ashfaq Ahmed Huma Fida Abbasi Arafat Al Dweik Umair Sajid Hashmi Arsalan Ahmad
　IEEE Transactions on Vehicular Technology, Volume 72, Issue 9, Pages 12099-12112
　Impact Factor: 6.8 | **Quartile:** 1 | **Citations:** 14
　DOI: 10.1109/TVT.2023.3266234

D-RAN: A DRL-Based Demand-Driven Elastic User-Centric RAN Optimization for 6G & Beyond 2023

Shahrukh Khan Kasi Umair Sajid Hashmi Sabit Ekin Adnan Abu-Dayya Ali Imran

IEEE Transactions on Cognitive Communications and Networking, Volume 9, Issue 1, Pages 130-145

Impact Factor: 6.359 | **Quartile:** 1 | **Citations:** 8
DOI: 10.1109/TCCN.2022.3217785

The Effective Use of Digital Storytelling and Flipped Classroom Instructional Approach to Improve Science Subjects 2022

Tahira Anwar Lashari Umair Sajid Hashmi Sana Anwar Lashari

International Journal of Instruction, Volume 15, Issue 4, Pages 221-232

Impact Factor: N/A
DOI: 10.29333/iji.2022.15413a

Assessing Deep Generative Models on Time Series Network Data 2022

Muhammad Haris Naveed Umair Sajid Hashmi Nayab Tajved Neha Sultan Ali Imran

IEEE Access, Volume 10, Pages 64601-64617

Impact Factor: 3.476 | **Quartile:** 2 | **Citations:** 22
DOI: 10.1109/ACCESS.2022.3177906

Exploring reconfigurable intelligent surfaces for 6G: State-of-the-art and the road ahead 2022

Sarah Basharat Maryam Khan Muhammad Iqbal Umair Sajid Hashmi Syed Ali Raza Zaidi Ian Robertson

IET Communications, Pages 1-17

Impact Factor: 1.345 | **Quartile:** 4 | **Citations:** 57
DOI: https://doi.org/10.1049/cmu2.12364

Embracing Complexity: Agent-Based Modeling for HetNets Design and Optimization via Concurrent Reinforcement Learning Algorithms 2021

Mostafa Ibrahim Umair Sajid Hashmi Muhammad Nabeel Ali Imran Sabit Ekin

IEEE Transactions on Network and Service Management, Volume 18, Issue 4, Pages 4042-4062

Impact Factor: 4.195 | **Quartile:** 2 | **Citations:** 11
DOI: 10.1109/TNSM.2021.3121282

Analysis of Area Spectral & Energy Efficiency in a CoMP-Enabled User-Centric Cloud RAN 2021

Shahrukh Khan Kasi Umair Sajid Hashmi Muhammad Nabeel Sabit Ekin Ali Imran

IEEE Transactions on Green Communications and Networking, Volume 5, Issue 4, Pages 1999-2015

Impact Factor: N/A | **Citations:** 15
DOI: 10.1109/TGCN.2021.3093390

SpiderNet: Spectrally Efficient and Energy Efficient Data Aided Demand Driven Elastic Architecture for 6G 2021

Muhammad Nabeel Umair Sajid Hashmi Sabit Ekin Hazem Refai Adnan Abu-Dayya Ali Imran

IEEE Network, Volume 35, Issue 5, Pages 256-263

Impact Factor: 10.693 | **Quartile:** 1 | **Citations:** 8
DOI: 10.1109/MNET.101.2000635

Enhancing Downlink QoS and Energy Efficiency through a User-Centric Stienen Cell Architecture for mmWave Networks 2020

Umair Sajid Hashmi Syed Ali Raza Zaidi Ali Imran Adnan Abu-Dayya

IEEE Transactions on Green Communications and Networking, Volume 4, Issue 2, Pages 387-403

Impact Factor: 4.574 | **Quartile:** 2 | **Citations:** 18
DOI: 10.1109/TGCN.2020.2967888

Ultra Reliable Low Latency Communications In MmWave For Factory Floor Automation 2020

Jakub Mazgula Jakub Sapis Umair Sajid Hashmi Harish Viswanathan

Journal of the Indian Institute of Science, Volume 100, Pages 303–314

Impact Factor: 1.742 | **Quartile:** 3 | **Citations:** 9
DOI: 10.1007/s41745-020-00164-7

Edge Computing in Smart Health Care Systems: Review, Challenges and Research Directions 2019

Morghan Hartmann Umair Sajid Hashmi Ali Imran

Transactions on Emerging Telecommunications Technologies, Pages 1-25, Article Number e3710

Impact Factor: 1.594 | **Quartile:** 3 | **Citations:** 211
DOI: https://doi.org/10.1002/ett.3710

User-Centric Cloud RAN: An Analytical Framework for Optimizing Area Spectral and Energy Efficiency 2018

Umair Sajid Hashmi Syed Ali Raza Zaidi Ali Imran

Conference Proceedings

Performance and cost evaluation of IEEE 802.11g and 802.3i protocols for network connectivity at a university campus using OPNET simulation

2013

Arslan Musaddiq Umair Sajid Hashmi Soyiba Jawed

UKSim 15th International Conference on Computer Modelling and Simulation, UKSim 2013, res.country(231,)

Citations: N/A
DOI: 10.1109/UKSim.2013.111