

Muhammad Aasim Rafique

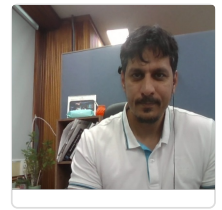
Assistant Professor

School of Electrical Engineering and Computer Science

Email: aasim.rafique@seecs.edu.pk

Contact:

LinkedIn: <https://www.linkedin.com/in/muhammadaasimrafique/>



About

Dr. Muhammad Aasim Rafique is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Muhammad Aasim Rafique has a PhD in Artificial Intelligence . Dr. Muhammad Aasim Rafique has published 7 research articles & conference papers having a citation count of 171, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Artificial Intelligence Gwangju Institute of Science and Technology , Korea	2013 - 2018
MS in Machine Learning, Computer Networking Lahore University of Management Sciences , Pakistan	2005 - 2008
MSc in Computer Science Quaid-i-Azam University , Pakistan	2002 - 2004
BSc in Math, Stats University of the Punjab , Pakistan	1999 - 2001

Experience

Assistant Professor School of Electrical Engineering and Computer Science	2021 - Present
Assistant Professor School of Electrical Engineering and Computer Science	2019 - 2021
Assistant Professor Quaid-i-Azam University , University Road Islamabad	2018 - 2019
System Engineer MTN Ghana , Accra, Ghana	2010 - 2013
Executive Warid Congo , Brazaville, Republic of Congo	2008 - 2010
Software Engineer Ayesoft , G-9/1 Islamabad	2004 - 2005

N²C: Neural Network Controller Design Using Behavioral Cloning

2021

Shoaib Azam Farzeen Munir Muhammad Aasim Rafique Ahmad Muqeem Sheri Muhammad Ishfaq Hussain Moongu Jeon
IEEE Transactions on Intelligent Transportation Systems, Volume 22, Issue 7, Pages 4744-4756

Impact Factor: 9.551 | **Quartile:** 1 | **Citations:** 16

DOI: 10.1109/TITS.2020.3045096

Boosting Discrimination Information Based Document Clustering Using Consensus and Classification

2019

Ahmad Muqeem Sheri Muhammad Aasim Rafique Malik Tahir Hassan Khurum Nazir Junejo Moongu Jeon
IEEE Access, Volume 7, Pages 78954-78962

Impact Factor: 3.745 | **Quartile:** 1 | **Citations:** 10

DOI: DOI:10.1109/ACCESS.2019.2923462

Deformable Object Tracking using Clustering and Particle Filter

2018

Muhammad Aasim Rafique Malik Tahir Hassan Moongu Jeon
Computing and Informatics, Volume 37, Pages 717-736

Impact Factor: 0.421 | **Quartile:** 4 | **Citations:** 4

DOI: 10.4149/cai_2018_3_717

Background Subtraction using Gaussian-Bernoulli Restricted Boltzmann Machine

2018

Ahmad Muqeem Sheri Muhammad Aasim Rafique Moongu Jeon Witold Pedrycz
IET Image Processing, Volume 12, Issue 9, Pages 1646-1654

Impact Factor: 2.004 | **Quartile:** 3 | **Citations:** 8

DOI: 10.1049/iet-ipr.2017.1055

Vehicle License Plate Detection Using Region Based Convolutional Neural Networks

2017

Muhammad Aasim Rafique Witold Pedrycz Moongu Jeon
Soft Computing, Volume 22, Issue 19, Pages 6429–6440

Impact Factor: 2.367 | **Quartile:** 2 | **Citations:** 72

DOI: <https://doi.org/10.1007/s00500-017-2696-2>

Hybrid Neuromorphic System for Automatic Speech Recognition

2016

Muhammad Aasim Rafique Beyongun Lee Moongu Jeon
Electronics Letters, Volume 52, Issue 17, Pages 1428–1430

Impact Factor: 1.155 | **Quartile:** 3 | **Citations:** 13

DOI: 10.1049/el.2016.0975

Contrastive divergence for memristor-based restricted Boltzmann machines

2015

Ahmad Muqeem Sheri Muhammad Aasim Rafique Witold Pedrycz Moongu jeon
Engineering Applications of Artificial Intelligence, Volume 37, Pages 336-342

Impact Factor: 2.368 | **Quartile:** 1 | **Citations:** 48

DOI: <https://doi.org/10.1016/j.engappai.2014.09.013>