Azizur Rahim

Assistant Professor

School of Electrical Engineering and Computer Science

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About

Dr. Azizur Rahim is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Azizur Rahim has a PhD in Vehicular Social Networks. Dr. Azizur Rahim has published 17 research articles & conference papers having a citation count of 818, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Vehicular Social Networks   2013 - 2018
  Dalian University of Technology , Pakistan

MS in Computer Networks   2011 - 2012
  COMSATS Institute of Information Technology , Pakistan

BS in Computer Systems Engineering   2004 - 2008
  UET Peshawar , Pakistan

Experience

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

Assistant Professor   2019 - 2021
  School of Electrical Engineering and Computer Science

Lecturer   2012 - 2013
  FUUAST , Islamabad

Awards

2020 Best Land Transporta   2020
  2020 Best Land Transportation Paper Award, IEEE Vehicular Technology Society

Alumni Award   2018
  DUT Excellent International Alumni Award, 2018, Dalian University of Technology, Dalian, China

Professional Memberships

PEC   Since 2008

Research Articles

Protocol-Based Deep Intrusion Detection for DoS and DDoS Attacks Using UNSW-NB15 and Bot-IoT   2022
Data-Sets

  Muhammad Zeeshan Qaiser Riaz Muhammad Ahmad Bilal Muhammad Khuram Shahzad Hajira Jabeen Syed Ali Haider Azizur Rahim

  IEEE Access , Volume 10, Pages 2269-2283

  Impact Factor: 3.367 | **Quartile:** 2 | **Citations:** 137
  DOI: 10.1109/ACCESS.2021.3137201

Social acquaintance based routing in Vehicular Social Networks   2019

  Azizur Rahim Tie Qiu Zhaolong Ning Jinzhong Wang Noor Ullah Amr Tolba Feng Xia

  Future Generation Computer Systems , Volume 93 Pages 751-760

  Impact Factor: 6.125 | **Quartile:** 1 | **Citations:** 49
  DOI: 10.1016/j.future.2017.07.059

Cooperative data forwarding based on crowdsourcing in vehicular social networks

2018

Azizur Rahim Kai Ma Wenhong Zhao Amr Tolba Zafer Al-Makhadmeh Feng Xia

Pervasive and Mobile Computing, Volume 51, Pages 43-55

Impact Factor: 2.769 | **Quartile:** 2 | **Citations:** 29
DOI: 10.1016/j.pmcj.2018.09.006

FISS: function identification of subway stations based on semantics mining and functional clustering

2018

Tao Tang Jinzhong Wang Xiangjie Kong Azizur Rahim Xuannian Yu Yulin Li Xin Dong

IET Intelligent Transport Systems, Volume 12, Issue 7, Pages 558-567

Impact Factor: 2.05 | **Quartile:** 3 | **Citations:** 12
DOI: 10.1049/iet-its.2017.0316

Mobility Dataset Generation for Vehicular Social Networks Based on Floating Car Data

2018

Xiangjie Kong Feng Xia Zhaolong Ning Azizur Rahim Yinqiong Cai Zhiqiang Gao Jianhua Ma

IEEE Transactions on Vehicular Technology, Volume 67, Issue 5, Pages 3874-3886

Impact Factor: 5.339 | **Quartile:** 1 | **Citations:** 134
DOI: 10.1109/TVT.2017.2788441

Modeling and Analysis of Large-Scale Urban Mobility for Green Transportation

2018

AZIZUR RAHIM Feng Xia Xiangjie Kong Meng Wang Yinqiong Cai Jinzhong Wang

IEEE Transactions on Industrial Informatics, Volume 14, Issue 4, Pages 1469-1481

Impact Factor: 7.377 | **Quartile:** 1 | **Citations:** 78
DOI: 10.1109/TII.2017.2785383

Vehicular Social Networks: A survey

2018

Azizur Rahim Xiangjie Kong Feng Xia Zhaolong Ning Noor Ullah Jinzhong Wang Sajal K. Das

Pervasive and Mobile Computing, Volume 43, Pages 96-113

Impact Factor: 2.769 | **Quartile:** 2 | **Citations:** 123
DOI: 10.1016/j.pmcj.2017.12.004

IS2Fun: Identification of Subway Station Functions Using Massive Urban Data

2017

Azizur Rahim JINZHONG WANG XIANGJIE KONG FENG XIA AMR TOLBA ZAFER AL-MAKHADMEH

IEEE Access, Volume 5, Pages 27103-27113

Impact Factor: 3.557 | **Quartile:** 1 | **Citations:** 48
DOI: 10.1109/ACCESS.2017.2766237

Time-Location-Relationship Combined Service Recommendation Based on Taxi Trajectory Data

2017

Xiangjie Kong Feng Xia Jinzhong Wang Azizur Rahim Sajal K. Das

IEEE Transactions on Industrial Informatics, Volume 13, Issue 3, Pages 1202-1212

Impact Factor: 5.43 | **Quartile:** 1 | **Citations:** 134
DOI: 10.1109/TII.2017.2684163

A game-theoretic incentive scheme for social-aware routing in selfish mobile social networks

2017

Behrouz Jedari Li Liu Tie Qiu Azizur Rahim Feng Xia

Future Generation Computer Systems, Volume 70, Pages 178-190

Impact Factor: 4.639 | **Quartile:** 1 | **Citations:** 44
DOI: 10.1016/j.future.2016.06.020

Bio-inspired packet dropping for ad-hoc social networks

2017

Hannan Bin Liaqat Feng Xia Qiuyuan Yang Zhenzhen Xu Ahmedin Mohammed Ahmed Azizur Rahim

International Journal of Communication Systems, Volume 30, Issue 1, Article Number e2857

Impact Factor: 1.717 | **Quartile:** 3 | **Citations:** 5
DOI: 10.1002/dac.2857

Tropospheric scintillation estimation using 10 years meteorological data

2015

Muhammad Tahir Yan Piao Muhammad Aslam Azizur Rahim

China Communications, Volume 12, Issue 3, Pages 43-49

Impact Factor: 0.424 | **Quartile:** 4
DOI: 10.1109/CC.2015.7084362

Adaptive Medium Access Control Protocol for Wireless Body Area Networks

2014

Nadeem Javaid A. Ahmad Azizur Rahim Z. A. Khan M. Ishfaq U. Qasim

International Journal of Distributed Sensor Networks, Volume 2014, Article ID 254397, 10 pages

Impact Factor: 0.665 | **Quartile:** 4 | **Citations:** 25
DOI: 10.1155/2014/254397

Conference Proceedings

An Evolutional Networking Model for Three-Dimensional Topology in Internet of Things　　　　2019

Songwei Zhang Tie Qiu Min Han Azizur Rahim Wenbing Zhao

IEEE International Conference on Systems, Man and Cybernetics (SMC), res.country(109,)

Citations: N/A
DOI: 10.1109/SMC.2019.8913966

Taxi operation optimization based on big traffic data　　　　2015

Qiuyuan Yang Zhiqiang Gao Xiangjie Kong Azizur Rahim Jinzhong Wang Feng Xia Qiuyuan Yang Zhiqiang Gao Xiangjie Kong Azizur Rahim Jinzhong Wang Feng Xia

IEEE 12th International Conference on Ubiquitous Intelligence and Computing, res.country(48,)

Citations: N/A
DOI: 10.1109/UIC-ATC-ScalCom-CBDCom-IoP.2015.42

Adaptive-reliable medium access control protocol for wireless body area networks　　　　2012

Azizur Rahim N. Javaid M. Aslam U. Qasim Z. A. Khan Azizur Rahim N. Javaid M. Aslam U. Qasim Z. A. Khan

9th Annual IEEE Communications Society Conference on Sensor, Mesh and Ad Hoc Communications and Networks (SECON) res.country(121,)

Citations: N/A
DOI: 10.1109/SECON.2012.6275829

Books

MAC Protocols for Cyber-Physical Systems　　　　2015

Feng Xia Azizur Rahim

Pages 1-89

Citations: N/A
DOI: https://doi.org/10.1007/978-3-662-46361-1