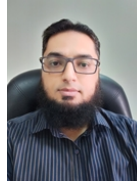


Resume



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Highest Degree

2009, Ph.D. in Computer Engineering, Computer and Network Security, Kyung Hee University, South Korea.

Scientific and Professional Affiliation

1. member, ACM
2. member, EC-Council

Academic and Professional Experiences

1. **2017 -**
Associate Professor, Dept. of Computer Science, College of Computing and Information Technology,, Jeddah, Saudi Arab., King AbdulAziz University, ,
2. **2012 - 2017**
Assistant Professor , Dept. of Computer Science, College of Computing and Information Technology,, Jeddah, Saudi Arab., King AbdulAziz University,
3. **2009 - 2012**
Postdoctoral Fellow. Computer Security Research Lab, Dept. of Comp. Sci. and Eng., , Canada, University of Quebec in Outaouais (UQO)
4. **2008 - 2009**
Team Leader, Organized a Ubiquitous Security (uSec) team (6 members) of Ubiquitous Computing Lab,, Korea, Kyung Hee University,
5. **2005 - 2009**
Research Assistant, Ubiquitous Computing Lab,, Korea., Kyung Hee University,
6. **2003 - 2003**
Jr. Software Engineer, Precience Technologies (Pvt) Ltd., Pakistan, Karachi, .

Certifications and Trainings

1. Awarded Korean Government IITA Scholarship for PhD
2. Awarded President Scholarship of Kyung Hee University
3. Awarded NUST academic excellence scholarship during Masters
4. Certified Ethical Hacker (CEH)
5. Elsevier Training Course: "Successful grant applications: getting it right"
6. Cybrary Training course: "Corporate Cybersecurity Management"

Research Areas of Interest

Security
Wireless Sensor Networks
Vehicular Networks
Internet of Things
Privacy
Trust management

Recent Publications (Last 20 Years)

1. 2019, Hamad Alrashede, Riaz Ahmed Shaikh, "Imsi Catcher Detection Method For Cellular Networks", 2019 2nd International Conference On Computer Applications & Information Security (Iccais), pp. 1-6
DOI: [10.1109/CAIS.2019.8769507](https://doi.org/10.1109/CAIS.2019.8769507)
2. 2019, Shah Zaman Nizamani, Syed Raheel Hassan, Riaz Ahmed Shaikh, Sheikh Tahir Bakhsh, "An Evaluation Model For Recognition-Based Graphical Password Schemes",
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3. 2019, Riaz Ahmed Shaikh, Vijey Thayananthan, "Risk-Based Decision Methods For Vehicular Networks",
Electronics, vol: 8, pp. 627
DOI: [10.3390/electronics8060627](https://doi.org/10.3390/electronics8060627)
4. 2019, Riaz Ahmed Shaikh, "Secure Cyber-Physical Systems For Smart Cities"
5. 2018, Othman Saeed, Riaz Ahmed, "A User-Based Trust Model For Cloud Computing Environment", Sai The Science And Information Organization. (Ijacs) International Journal Of Advanced Computer Science And Applications, vol: 9
DOI: [10.14569/IJACSA.2018.090347](https://doi.org/10.14569/IJACSA.2018.090347)
6. 2018, Muhammad Aqib, Riaz Ahmed Shaikh, "A Tool For Access Control Policy Validation",
DOI: [10.14569/IJACSA.2018.090347](https://doi.org/10.14569/IJACSA.2018.090347)
7. 2018, A. Rauf, R. A. Shaikh and A. Shah, "Security And Privacy For Iot And Fog Computing Paradigm", 15th International Learning And Technology Conference Internet Of Things (Iot): Embedding Intelligence (L&T2018), Jeddah, Ksa
8. 2017, Thaha Muhammed, Riaz Ahmed Shaikh, "An Analysis Of Fault Detection Strategies In Wireless Sensor Networks", Journal Of Network And Computer Applications, vol: 78, pp. 267-287
DOI: [10.1016/j.jnca.2016.10.019](https://doi.org/10.1016/j.jnca.2016.10.019)
9. 2016, Riaz Ahmed, "Fuzzy Risk-Based Decision Method For Vehicular Ad Hoc Networks", Sai The Science And Information Organization. (Ijacs) International Journal Of Advanced Computer Science And Applications, vol: 7
DOI: [10.14569/IJACSA.2016.070908](https://doi.org/10.14569/IJACSA.2016.070908)
10. 2016, Vijey Thayananthan, Riaz Ahmed Shaikh, "Contextual Risk-Based Decision Modeling For Vehicular Networks", International Journal Of Computer Network And Information Security, vol: 8, pp. 1-9
DOI: [10.5815/ijcnis.2016.09.01](https://doi.org/10.5815/ijcnis.2016.09.01)
11. 2016, Riaz Ahmed Shaikh, Kamel Adi, Luigi Logrippo, "A Data Classification Method For Inconsistency And Incompleteness Detection In Access Control Policy Sets", International Journal Of Information Security
DOI: [10.1007/s10207-016-0317-1](https://doi.org/10.1007/s10207-016-0317-1)
12. 2016, Yasir Arfat, Riaz Ahmed Shaikh, "A Survey On Secure Routing Protocols In Wireless Sensor Networks", International Journal Of Wireless And Microwave Technologies, vol: 6, pp. 9-19
DOI: [10.5815/ijwmt.2016.03.02](https://doi.org/10.5815/ijwmt.2016.03.02)
13. 2015, Riaz Ahmed Shaikh, Vijey Thayananthan, "Hop-By-Hop Trust Evaluation Algorithm For Identity Anonymous Sensor Networks", Iete Journal Of Research, vol: 61, pp. 154-159
DOI: [10.1080/03772063.2014.988759](https://doi.org/10.1080/03772063.2014.988759)

Recent Publications (Last 20 Years)

14. 2014, Neeraj Kumar, Al-Sakib Khan Pathan, Elias P. Duarte, Riaz Ahmed Shaikh, "Critical Applications In Vehicular Ad Hoc/Sensor Networks", Telecommunication Systems, vol: 58, pp. 275-277
DOI: [10.1007/s11235-014-9876-5](https://doi.org/10.1007/s11235-014-9876-5)
15. 2014, Muhammad Aqib, Riaz Ahmed Shaikh, "Analysis And Comparison Of Access Control Policies Validation Mechanisms", International Journal Of Computer Network And Information Security, vol: 7, pp. 54-69
DOI: [10.5815/ijcnis.2015.01.08](https://doi.org/10.5815/ijcnis.2015.01.08)
16. 2014, Riaz Ahmed Shaikh, Sungyoung Lee, Aiiad Albeshri, "Security Completeness Problem In Wireless Sensor Networks", Intelligent Automation And Soft Computing, vol: 21, pp. 235-250
DOI: [10.1080/10798587.2014.970345](https://doi.org/10.1080/10798587.2014.970345)
17. 2014, Riaz Shaikh, "An Algorithm To Detect Inconsistencies In Access Control Policies"
18. 2013, Riaz Shaikh, Ahmed Alzahrani, A.S, "Trust Management Method For Vehicular Ad Hoc Networks"
19. 2013, Riaz Ahmed Shaikh, Ahmed Saeed Alzahrani, "Intrusion-Aware Trust Model For Vehicular Ad Hoc Networks", Security And Communication Networks, vol: 7, pp. 1652-1669
DOI: [10.1002/sec.862](https://doi.org/10.1002/sec.862)
20. 2012, Riaz Ahmed Shaikh, Kamel Adi, Luigi Logrippo, "Dynamic Risk-Based Decision Methods For Access Control Systems", Computers & Security, vol: 31, pp. 447-464
DOI: [10.1016/j.cose.2012.02.006](https://doi.org/10.1016/j.cose.2012.02.006)
21. 2011, Riaz Ahmed Shaikh, K. Adi, L. Logrippo, Serge Mankovski, "Risk-Based Decision Method For Access Control Systems", 2011 Ninth Annual International Conference On Privacy, Security And Trust, pp. 189-192
DOI: [10.1109/PST.2011.5971982](https://doi.org/10.1109/PST.2011.5971982)
22. 2010, Riaz Shaikh, "Detecting Incompleteness In Access Control Policies Using Data Classification Schemes"
23. 2010, Riaz Shaikh, L. Logrippo, K. Adi, S. Mankovski, "Inconsistency Detection Method For Access Control Policies", Conf. On Information Assurance And Security, pp. 204-209
24. 2010, Riaz Shaikh, B. J. Dauriol, S. Lee, Heejo Lee, "Privacy And Trust Management Schemes Of Wireless Sensor Networks", pp. 290-309
25. 2010, Riaz Ahmed Shaikh, Hassan Jameel, Brian J. d???Auriol, Heejo Lee, Sungyoung Lee, Young-Jae Song, "Achieving Network Level Privacy In Wireless Sensor Networks", Sensors, vol: 10, pp. 1447-1472
DOI: [10.3390/s100301447](https://doi.org/10.3390/s100301447)
26. 2010, Riaz Ahmed Shaikh, Young-Koo Lee, Sungyoung Lee, "An Extended Energy Consumption Analysis Of Reputation-Based Trust Management Schemes Of Wireless Sensor Networks", Journal Of Networks, vol: 5
DOI: [10.4304/jnw.5.3.283-291](https://doi.org/10.4304/jnw.5.3.283-291)
27. 2010, Riaz Shaikh, "Validation Of Consistency And Completeness Of Access Control Policy Set Using Data Mining Algorithms", vol: No. 12
28. 2009, Riaz Shaikh, "Activity Oriented Access Control For Ubiquitous Environments"
29. 2009, Riaz Shaikh, Young-Koo Lee, S. Lee, "Energy Consumption Analysis Of Reputation-Based Trust Management Schemes Of Wireless Sensor Networks", In Proc 3rd Int. Conf. On Ubiquitous Information Management And Communication (Icuimc'09), Korea. Acm Press, pp. 652-656
30. 2009, Riaz Ahmed Shaikh, Hassan Jameel, Brian J. d???Auriol, Heejo Lee, Sungyoung Lee, Young-Jae Song, "Intrusion-Aware Alert Validation Algorithm For Cooperative Distributed Intrusion Detection"

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Schemes Of Wireless Sensor Networks", Sensors, vol: 9, pp. 5989-6007

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31. 2009, R.A. Shaikh, H. Jameel, B.J. d'Auriol, Heejo Lee, Sungyoung Lee, Young-Jae Song, "Group-Based Trust Management Scheme For Clustered Wireless Sensor Networks", Ieee Transactions On Parallel And Distributed Systems, vol: 20, pp. 1698-1712
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32. 2009, Riaz Shaikh, "Us Patent: Us20090328148: "Method Of Trust Management In Wireless Sensor Networks", Publication Date: 31 Dec"
33. 2008, Riaz Shaikh, "Network Level Privacy For Wireless Sensor Networks"
34. 2008, Riaz Shaikh, "Image-Feature Based Human Identification Protocols On Limited Display Devices", vol: 5379
35. 2008, Riaz Shaikh, "Trusting Anomaly And Intrusion Claims For Cooperative Distributed Intrusion Detection Schemes Of Wireless Sensor Networks"
36. 2008, Riaz Shaikh, "Activity-Based Security Scheme For Ubiquitous Environments"
37. 2007, Riaz Shaikh, "A Research Framework Model To Guide Both Broad And Focused Research Into Ubiquitous Sensor Networks"
38. 2007, Riaz Shaikh, "Human Identification Through Image Evaluation Using Secret Predicates", vol: 4377
39. 2007, Riaz Shaikh, "A Trust-Based Approach To Control Privacy Exposure In Ubiquitous Computing Environments"
40. 2006, Riaz Shaikh, "Individual Contour Extraction For Robust Wide Area Target Tracking In Visual Sensor Networks"
41. 2006, Riaz Shaikh, "Securing Distributed Wireless Sensor Networks: Issues And Guidelines"
42. 2006, Riaz Shaikh, "Trust Management Problem In Distributed Wireless Sensor Networks"
43. 2006, Riaz Shaikh, "Lsec: Lightweight Security Protocol For Distributed Wireless Sensor Network", vol: 4217
44. 2005, Riaz Shaikh, "Comparative Analysis And Design Philosophy Of Next Generation Unified Enterprise Application Security"