



Amer Omar Abu Salem

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Computer Sciences \ Network

Academic Rank: Assistant professor.

Qualifications:

1	<i>Ph.D. in Computer Science, Digital Sciences & Technology Department, Anglia Ruskin University, Chelmsford Campus, United Kingdom. 2010</i>
2	<i>Master's Degree in Computer Science, Information Technology College, Al al-Bayt University, Jordan. 2004</i>
3	<i>Bachelor's Degree in Computer Science, Information Technology College, Al al-Bayt University, Jordan. 1998</i>

Professional Objective(s):

Guide students for better understanding of the computer related sciences and work with the research community to deliver solutions for outstanding problems in the field of network security and data science.

Teaching Experience:

#	From	to	
1	2011	Now	Assistant professor at Zarqa University, Zarqa, Jordan
2	2010	2011	Faculty member at al-Bayt University, Mafrq, Jordan
3	2006	2010	Research associate and Ph.D. student in the Telecommunication Engineering Research Group (TERG).
4	2005	2008	Lecturer at AL-Yamamah University, Riyadh, Saudi Arabia
5	2004	2005	Lecturer at Al-Balqa' Applied University, Amman, Jordan

Publications:

#	Title/Publisher/ Year/ Issue (Vol/No)
1	Salem, A. , A Novel LEACH Routing Protocol using Genetic Algorithm for Wireless Sensor Networks, <i>International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)</i> , Vol.8, No.5, p. 2096 – 2100 , 2019
2	Salem, A.O.A. and N. Shudifat, Enhanced LEACH protocol for increasing a lifetime of WSNs. <i>Personal and Ubiquitous Computing</i> , 2019: p. 1-7
3	Turabieh, H., A.A. Salem, and N. Abu-El-Rub, Dynamic L-RNN recovery of missing data in IoMT applications. <i>Future Generation Computer Systems</i> , 2018. 89: p. 575-583.
4	T Alhmiedat, Amer Abu Salem, "A Hybrid Range-free Localization Algorithm for ZigBee Wireless Sensor Networks.", <i>International Arab Journal of Information Technology (IAJIT)</i> 14 , 2017
5	M Salameh, Amer Abu Salem, "Hyper Recognition Techniques for English Digits Using Statistical Analysis of Nodes and Fuzzy Logic for Pattern Recognition", <i>International Journal Of Multidisciplinary Science and Engineering</i> ", VOL. 7, NO. 8, DECEMBER 2016
6	Amer Abu Salem, H Awwad , "Texture images: analysis, classification and comparison study", <i>International Journal of Computer Science and Information Security</i> 14 (5), 125, 2016
7	Amer Abu Salem, Ghassan Samara, Tareq Alhmiedat, "Performance Analysis of Dynamic Source Routing Protocol", <i>Journal of Emerging Trends in Computing and Information Sciences</i> , Vol. 5, No. 2 February 2014 , ISSN 2079-8407
8	Amer Abu Salem, Tareq Alhmiedat, Ghassan Samara, "Cache Discovery Policies of MANET", <i>The World of Computer Science and Information Technology Journal (WSCIT)</i> , ISSN: 2221-0741, Vol. 3, No. 8, 135-143, 2013
9	Ghassan Samara, Amer O Abu Salem, Tareq Alhmiedat, "Power Control Protocols in VANET", <i>European Journal of Scientific Research</i> , ISSN 1450-216X / 1450-202X Vol. 111 No 4 September, 2013, pp.571 – 576
10	Tareq Alhmiedat, Ghassan Samara, and Amer O. Abu Salem, "An Indoor Fingerprinting Localization Approach for ZigBee Wireless Sensor Networks". <i>European Journal of Scientific Research</i> . ISSN 1450-216X 1450-202X Vol. 105 No 2 July, 2013, pp.190-202
11	Tareq Alhmiedat, Amer O. Abu Salem, and Anas Abu Taleb , "An imporved decentralized approach for tracking multiple mobile targets through ZigBee WSNs", <i>International Journal of Wireless & Mobile Networks (IJWMN)</i> Vol. 5, No. 3, June 2013
12	Ghassan Samara, Tareq Alhmiedat, Amer O. Abu Salem, " Dynamic Safety Message Power Control in VANET Using PSO", <i>Journal Paper World of Computer Science and Information Technology Journal (WCSIT)</i> ISSN: 2221-0741 Vol. 3, No. 10, 176-184, 2013
13	AbdulRahman H. Hussein, Amer O. Abu Salem, Sufian Yousef , "A Flexible Weighted Clustering Algorithm Based on Battery Power for Mobile Ad Hoc Networks", <i>IEEE International Symposium on Industrial Electronics ISIE'08</i>



Conferences:

#	Paper Title / Organizing Institution/ Conference
1	Salem, A.O.A., Enhanced LEACH Protocol for Wireless Sensor Networks. The 18th International Arab Conference on Information Technology (ACIT'2017) 2017.
2	Amer Abu Salem, Ahmad AlQeerm, "Classification of transaction models in mobile database system", Web Applications and Networking (WSWAN), 2015 2nd World Symposium on, 1-6
3	Amer O. Abu-Salem, Sufian Yousef, and AbdulRahman H. Hussein, "Performance Evaluation of DSR Routing Protocol by Route Caching" The 2011 Conference on Innovations in Computing and Engineering Machinery (CICEM 2011), Amman, Jordan, August 2011
4	Amer Abu Salem, "Hybrid caching strategy for data access in MANETs" The fourth Annual Research Students' Conference, Anglia Ruskin University, April 2010
5	Amer Abu Salem, AbdulRahman H. Hussein, Sufian Yousef, "Performance Analysis of Mobile Ad-hoc Network Caching", IEEE International Symposium on Industrial Electronics ISIE'09
6	Amer Abu Salem, "Enhancing the Route Discovery of DSR for MANET" The Second Annual Research Students' Conference, Anglia Ruskin University, April 2008
7	Amer Abu Salem, "Intelligent Caching Strategy for Peer-to-Peer Ad-Hoc Networks", The First Annual Research Students' Conference, Anglia Ruskin University, April 2007

Personal Information:

Name	Amer Omar Abu Salem		
Place and Date of Birth	Jordan December 1976		
Nationality	Jordanian		
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