

CURRICULUM VITAE

Khalid Abdul-Fattah Ahmad Farhan

Computer Science Department/Faculty of Science & IT,

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1. Personal Data

Nationality: Jordanian

2. Education

- Ph.D. (in Computer Science) 2008, University of Sunderland, Sunderland (United Kingdom (UK))
- M.Sc. (in Computer Science) 2003, Al-Albayt University, Jordan
- B.Sc. (in Computer Science) 1999, Al-Zaytoonah University, Jordan

3. Ph.D. Dissertation

“A NOVEL SCALABLE MULTICAST MESH ROUTING PROTOCOL FOR MOBILE AD HOC NETWORKS”, University of Sunderland, Sunderland (United Kingdom (UK)).

4. Employment

Academic Positions

- Assistant Professor, Computer Science Department/Faculty of Science & IT Al-Zaytoonah University of Jordan Amman-Jordan 11/2003-now.
- Assistant Professor, Computer Science Department/Faculty of Science & IT Al-Zaytoonah University of Jordan Amman-Jordan 2015-2022.
- Assistant Professor, Computer Networks Department/Faculty of Science & IT Al-Zaytoonah University of Jordan Amman-Jordan 2010-2015.



QFG11/0110 - 3.1E

Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

- Assistant Professor, Computer Science Department/Faculty of Science & IT Al-Zaytoonah University of Jordan Amman-Jordan 2008-2010.
- Master Degree, Computer Information Systems Department/Faculty of Science & IT Al-Zaytoonah University of Jordan Amman-Jordan 2003-2007.
- Instructor, Computer Science Department/Faculty of Science & IT Al-Zaytoonah University of Jordan Amman-Jordan 2001-2003.

5. Research Interests

- Ad Hoc Networks
- Routing protocols
- Distributed Systems

6. Fellowships and Scholarships

fully funded PhD scholarship provided by Al-Zaytoonah University of Jordan

9. Teaching Experience

Advanced Computer Networks
 Computer Networks 1
 Networks Protocols
 Computer Architecture
 Operating Systems
 Discrete Structures
 Computer Programming
 C++
 C
 PVM for Power Xplorer (Parallel Machine)
 HTML
 Java Script
 QBASIC
 Visual Basic
 Assembly Language
 AI languages (CLIPS, Prolog, and Lisp)
 Structured Programming
 Web Page Design
 Pascal Language

10. Professional and Scientific Meetings

Scientific Meetings Organized

- The Fifth Advanced International Conference on Telecommunications (IEEE AICT 2009) Venice, Italy.



<http://www.iaria.org/conferences2009/AICT09.html>

- The Eighth International Conference on Networks (IEEE ICN 2009) Guadeloupe/France.

<http://www.iaria.org/conferences2009/ICN09.html>

- The Ninth International Conference on Networks (IEEE ICN 2010) Menuires, The Three Valleys, French Alps, France.

<http://www.iaria.org/conferences2010/ICN10.html>

- The Tenth International Conference on Networks (ICN 2011) January 23-28, 2011 - St. Maarten, The Netherlands Antilles

<http://www.iaria.org/conferences2011/ComICN11.html>

- The Eleventh International Conference on Networks (ICN 2012) February 29 - March 5, 2012 - Reunion Island

<http://www.iaria.org/conferences2012/ComICN12.html>

- The 3rd Global Conference on Communication, Science & Information Engineering CCSIE, from 1st-3rd-June, 2016. London, united kingdom
<http://ccsie.epromag.co.uk/organising-committee/>

Participation in Scientific meetings

- The 1st international conference on information technology (ICIT 2003)
- The 4th international conference on information technology (ICIT 2009)
- The 5th international conference on information technology (ICIT 2011)
- The 6th international conference on information technology (ICIT 2013)
- The 7th international conference on information technology (ICIT 2015)
- The 8th international conference on information technology (ICIT 2017)
- IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), Amman, Jordan 2019



11. Publications

- Farhan Abdel-Fattah, F AlTamimi, Khalid A. Farhan, “Machine Learning and Data Mining in Cybersecurity”, The 10th International Conference on Information Technology (ICIT 2021), 952-956, Amman, Jordan, 2021 14-15 July.
- Farhan Abdel-Fattah¹, Khaled A. Farhan², Feras H. Al-Tarawneh³, Ali M. Al-Naimat⁴, ” Dynamic Intrusion Detection Technique for Dynamic Mobile Ad hoc Network”, ICIC Express Letters, Part B: Applications An International Journal of Research and Surveys, volume 10, number 9, sept. 2019.
- Khalid A. Farhan, Farhan Abdel-Fattah, Feras Altarawneh, and Mohammed Lafi, “Survey Paper on Multicast Routing in Mobile Ad-hoc Networks”, IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), Amman, Jordan 2019.
- Farhan Abdel-Fattah, Khalid A. Farhan, Feras Altarawneh, and Fadel Altamimi, “Security Challenges and Attacks in Dynamic Mobile Ad Hoc Networks”, IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), Amman, Jordan 2019.
- Khalid A. Farhan, "Network Sender Multicast Routing Protocol," icn, pp. 60-65, The Seventh International Conference on Networking (IEEE ICN 2008), Cancun, Mexico, 2008. <https://ieeexplore.ieee.org/document/4498142>
- Khalid A. Farhan, "On the Scalability and Reliability of Network Sender Multicast Routing Protocol," The Fourth Advanced International Conference on Telecommunications, (IEEE AICT 2008), Athens, Greece, 2008. <https://ieeexplore.ieee.org/document/4545525>
- KAF Farhan “ [A Novel Scalable Multicast Mesh Routing Protocol for Mobile ad hoc Networks](#) “ University of Sunderland, UK, 2008.