Dr. Ahmad Mohammad Saleh Khasawneh

Personal Information:

Date of birth : 20th August 1987
Nationality : Jordan
Gender : Male
Marital Status : Married
Address : Irbid, Jordan
Phone no. : (+962) 796045412
E-Mail : ahmad.kha87@yahoo.com
a.khasawneh@aau.edu.jo

IEEE Member, ID: 94359616 | ORCID | Researchgate | Google Scholar

Objectives

- To perfect a career and make a positive contribution to the success and growth of a dynamic organization/institution that recognizes and encourages the highest level of professionalism, competence, intelligence and innovative ideas.
- To serve as a team member in academic institutions that creates wider opportunities for knowledge contributions.
- To be a respected member of a creative team, divisions, and corporate departments that orchestrate intuitive campaigns for effectively reinforcing and building a future.

Academic Qualification

Degree	Year of Passing	University
Ph.D. – Computer Science (Computer Networks and Security)	2017	Faculty of Computing, Universiti Teknologi Malaysia, Skudai, Johor, Malaysia
M.Sc. – Information Technology	2012	Faculty of Art and Science, Universiti Utara Malaysia, Sintok, Kedah, Malaysia
B.A. – Computer Science	2010	Faculty of Information Technology and Computer Science, Yarmouk University, Irbid, Jordan
High Secondary School	2006	Dar El-Uloum High School, Irbid, Jordan

Project and Thesis

- ENHANCED ENERGY-EFFICIENT OPPORTUNISTIC PRESSURE-BASED ROUTING ALGORITHMS FOR UNDERWATER WIRELESS SENSOR NETWORKS.
  Ph.D. Thesis submitted to the Faculty of Computing (FC), Universiti Teknologi Malaysia (UTM).
- ANALYSIS OF WEB 2.0 TECHNOLOGIES FOR PROBLEME-BASED AND COLLABORATIVE LEARNING.
  M.Sc. Thesis submitted to the Faculty of Art and Science (CAS), Universiti Utara Malaysia (UUM).

Research Area of Interest

Underwater Wireless Sensor Networks (UWSNs), Internet of Things (IoT), Network Security, Wireless Body Area Networks (WBANs), Wireless Sensor Networks (WSNs), Mobile Ad-hoc Networks (MANETs), Mobile Programming, Routing Protocols, Cloud Computing, and Grid Computing.

Work Experience

15/10/2018 - present	Assistant Professor, Department of Mobile Computing, Faculty of Computer Science and Informatics, Amman Arab University (AAU), Amman, Jordan
1/10/2017 – present	Part-Time Assistant Professor, Department of Computer Science, School of Electrical Engineering and Information Technology, German Jordanian University (GJU), Amman, Jordan.
15/8/2013 – 15/5/2017	Research and Teaching Assistant under Associate Professor Dr. Muhammad Shafie Abd Latiff, Faculty of Computing (FC), Universiti Teknologi Malaysia (UTM).
16/3/2010 – 21/9/2010	IT and Network Technical Support, OFFTEC Group, Amman, Jordan.

Publications and Conferences

[1] Al-Shalabi, M., Anbar, M., Wan, T. C., & **Khasawneh, A.** (2018). Variants of the Low-Energy Adaptive Clustering Hierarchy Protocol: Survey, Issues and Challenges. *Electronics, 7(8),* 136. **(ISI Impact Factor = 2.110).**

[2] **Khasawneh, A.,** Latiff, M. S. B. A., Kaiwartya, O., & Chizari, H. (2018). A reliable energy-efficient pressure-based routing protocol for underwater

wireless sensor network. *Wireless Networks, 24(6),* 2061-2075. **(ISI Impact Factor = 1.981).**

[3] **Khasawneh, A.** & Latiff, M. S. B. A. (2017). RE-PBR: A Reliable Energy-Efficient Pressure-Based Routing Protocol for Underwater Wireless Sensor Networks. **Keynote Speaker**, In *Proceeding of International Multi-Topic Conference on Engineering and Science (IMCES), 02- 03 January 2017, Kuala Lumpur, Malaysia.*

[4] **Khasawneh, A.,** Latiff, M. S. B. A., Kaiwartya, O., & Chizari, H. (2016). Next forwarding node selection in underwater wireless sensor networks (UWSNs): Techniques and challenges. *Information, 8(1),* 3. **(Scopus Indexed CITESCORE = 0.94).**

[5] Bamatraf, A., LATIFF, M. S. B. A., COULIBALY, Y., & **KHASAWNEH, A. M.** (2015). Review of quality of service in routing protocols for wireless sensor networks. *Journal of Theoretical & Applied Information Technology, 74(3)*. (Scopus Indexed).

[6] **Khasawneh, A.,** Latiff, M. S. B. A., Chizari, H., Tariq, M., & Bamatraf, A. (2015). PRESSURE BASED ROUTING PROTOCOL FOR UNDERWATER WIRELESS SENSOR NETWORKS: A SURVEY. *KSII Transactions on Internet and Information Systems (TIIS), 9(2),* 504-527. **(ISI Impact Factor = 0.611).**

Programming Skills

Network Simulator 2 (NS-2), Aqua-Sim for UWSNs, TCL and AWK Languages, Android Programming, Java, C# and C++ Object Oriented.

Professional Memberships

2018
- **Reviewer in:**
  - IEEE Internet of Things Journal (ISI Impact Factor = 7.596)
  - Journal of Computer Networks and Communications, Hindawi (Indexed in Web of Science)
  - International Journal of Electronics, Taylor & Francis (ISI Impact Factor = 0.729)
  - Journal of Engineering and Technological Sciences (Scopus Indexed)

2017
- **Reviewer in:**
  - PLOS ONE (ISI Impact Factor = 2.806)
  - IEEE Access (ISI Impact Factor = 3.244)

2016
- **IEEE Member**, ID: 94359616
- **Reviewer in:**
  - International Journal of Communication Systems, Wiley (ISI Impact Factor = 1.099)
  - China Communications, IEEE

2015
- **Reviewer in:**
  - Wireless Networks, Springer (ISI Impact Factor = 1.981)
  - International Journal of Distributed Sensor Networks, Hindawi (ISI Impact Factor = 0.906)

2013
- Pervasive Computing Research Group (PCRG), Faculty of Computing (FC), Universiti Teknologi Malaysia (UTM)

Academic Certificates and Workshops

2017
- Three Minute Thesis Competition (3MT), UTM.

2016
- Three Minute Thesis Competition (3MT), UTM.

2015
- International Student Society Management Camp, UTM.
- Secretariat, University Presidents Forum, UTM.
- International Student Society Management Workshop, UTM.

2014
- Presenter and Session Chair, 10th Postgraduate Annual Research Seminar (PARS), UTM.
- Publication Strategy Workshop Course, UTM.

2013
- NS-2 Professional Workshop Course, UTM.
- How to Write and Publish a Journal Paper, UTM.
- Secretariat, Executive Council Federation of The Universities of The Islamic World, UTM, Johor, Malaysia.

2012
- Android Programing Workshop, UUM.
- 1st Colloquium for Graduate Students, UUM.
- 3rd Merit in Student Innovation and Entrepreneurship Day (SIED) with the project entitled: Enhance hands-free searching using voice recognition, UUM.

2010
- Linux Essential, Linux System Administration, Linux Network and Security Administration (based on REDHAT Enterprise Linux 5.4).
- Cisco Certified Network Associate (CCNA).
- Microsoft Certified Systems Administrator (MCSA).
- Microsoft Certified Professional (MCP).

Courses and Training

20/11/2010 - 21/1/2011	Java Applet, web design under JSP Language with CSS, HTML, JavaScript, Flash and Photoshop, Build Database on Oracle & connect it with JSP site.
14/2/2010 – 15/5/2010	Linux Essential, Linux System Administration, Linux Network and Security Administration (based on REDHAT Enterprise Linux 5.4)
10/10/2009 - 20/1/2010	CISCO Certified Network Associate (CCNA).
1/10/2009 - 6/1/2010	Communication Skills (MAHARAT): (Self-motivation, Emotional intelligence communication skills, Team building, Leadership skills, Critical thinking, Time Management & effective delegation, Entrepreneurial skills, Business writing, Presentation Skills, Customer service, Human resource), 2009 Yarmouk University.
17/2/2009 - 14/6/2009	Microsoft Certified System Engineer (MCSE): 1. Managing and maintaining windows server 2003 environment. 2. Implementing, managing, and maintaining windows server 2003 Network Infrastructure. 3. Installing, Configuring, and Administrating Microsoft windows XP Professional. 4. Implementing a Microsoft Internet Security and Accelerating Server 2004.

Languages

Arabic	Native Language.
English	Written and spoken (Excellent).

References

[1]	Professor Dr. Sahel Alouneh	Dean of Faculty of School of Electrical Engineering and Information Technology, German Jordanian University, Amman, Jordan. E-mail: sahel.alouneh@gju.edu.jo
[2]	Associate Professor Dr. Muhammad Shafie Abd Latiff	Head of Computer Science Department, Faculty of Computing, Universiti Teknologi Malaysia 81310 UTM Skudai, Johor, Malaysia. E-mail: shafie@utm.my

[3] Assistant Professor Dr. Raed Alkhasawneh
Head of Management Sciences Department, School of Managerial and Logistic Sciences, German Jordanian University, Amman, Jordan
E-mail: raed.khasawneh@gju.edu.jo

[4] Professor Dr. Bilal Abul-Huda
Dean of Faculty of Information Technology and Computer Science, Yarmouk University, Irbid, Jordan.
Email: abul-huda@yu.edu.jo

I hereby declare that, the above furnished information is true and correct to the best of my knowledge. **Ahmad Khasawneh**