C.V

Prof. Dr. Bassam Mohammad Al-Mahadeen.

Personal Information:

Place and Birth of date:	Jordan, 1969.	
Nationality:	Jordanian.	
Address:	Mutah University – Jordan	
Status:	Married	
Current Job:	Professor, Faculty of Information Technology	
Mobile Phone:	00962-795-987695	
E-mail:	dr.bmahadeen@gmail.com bassam@mutah.edu.jo	

Qualifications:

1. Ph.D, Computer Information Systems, Arab Academy, Jordan, 2005.   (Excellent)
2. Master of Science, Computer Science, Al Al-Byte University, Jordan, 1999. (V. Good)
3. Bachelor of Science, Computer Science, Mutah University, Jordan, 1991.   (Excellent).

Topic of Master Thesis:
Two Level Queue Algorithm for Scheduling Processes in Hierarchical Shared- Memory Multiprocessor Systems.

Topic of Ph. D Thesis:
Routing in Mesh-Hypercube Network.

Academic Experiences
1. Prof., Faculty of IT Since 15-11-2017.
2. Associate Prof., Dept. of Computer and Information Technology, Mutah University, from 6-9-2015 to 15-11-2017.
3. Associate Prof., Dept. of Computer and Information Technology, Tafila Technical University, Jordan,   from 7- 9- 2014 to 6-9-2015.
4. Associate Prof., Faculty of Computer, Um AL- Qura University, KSA, from 10- 9- 2012 to 7- 9 - 2014.
5. Associate Prof., Dept. of Math & Computer Information Systems, Tafila Technical University, 10-9-2011 to 10-9-2012.
6. Assistant Prof., Dept. of Math & Computer Information Systems, Tafila Technical University, from 10-9-2007 to 10-9-2011.
7. Full time Lecturer, Dept. of Math & Computer Information Systems, Tafila Technical University, 10-9-2006 to 10-9-2007.
8. Full time Lecturer, Dept. of Computer Information Systems, Mutah University, 10- 9-1999 to10-9-2006.
9. Research Visitor, July to August, 2009, USM University, Malaysia.

Administrative Experiences

1. Secretary General of ARAB-ACRAO (Arab Association of Collegiate Registrars & Admissions Officers) since 27- 4 -2017.
2. Representative of Jordan and Islamic Universities in The Arab Council for Student's Training and Invovation (ACSTI)
3. Director of Admission & Registration Unit, Mutah University, from 7-9-2015 to 02-7-2017.
4. Head of Mathematics and Computer Science Department, Tafila Technical University, 7-9-2011 to 7-9-2012.
5. Director of Computer and information Technology Center, Tafila Technical University, 23-9-2006 to 23-9-2007.
6. Lab. Supervisor and Programmer, Mutah University, 1991 to1997.
7. Programmer and System analyst, Admission and Reg. Unit, Mutah University, 1997 to1999.

Research Interests

RFID applications, Wireless sensor Networks, Healthcare Modeling and Simulations, Healthcare Information Systems, Image Processing, Interconnection Networks, Computer Networks, Distributed Systems, and IoT.

Published Work

1. B.Al-Mahadeen and M.Omari, (2004). "Adaptive Wormhole Routing in Mesh

Hypercube Network". Journal of Applied Sciences 4(4): 568-574, 2004.

2. B.Al-Mahadeen and M.Omari, (2004). " A Broadcast Algorithm for All-port Wormhole-Routed Mesh-hypercube Netwrok". Information Technology Journal 3(3):283-289, 2004.

3. Mahadeen, Bassam and Omari, Mahmoud, (2003). "Fault-Free Pointto-Point Routing in Mesh-Hypercube Networks", Proceedings of International Conference on Information Technology and Natural Sciences (ICITNS), Al- Zaytoonah University, Amman, Jordan, October 19-21, (2003).

4. Ayman Murad, Bassam Al-Mahadeen. "Simulation of the Enhanced Associativity Based Routing Protocol for Mobile Ad Hoc Networks (MANET)", Journal of Computer Science3(6): 441-448,2007.

5. Ayman Murad, Bassam Al-Mahadeen. "Adding Quality of Service Extensions to the Enhanced Associativity Based Routing Protocol for Mobile Ad Hoc Networks (MANET)", American Journal of Applied Sciences 4(11): 876-881, 2007.

6. Ayman Murad, Bassam Mahadeen, Nuha Murad, (2008). "Adding Quality of Service Extensions to the Associativity Based Routing Protocol for Mobile Ad Hoc Networks (MANET)," IEEE Asia-Pacific Services Computing Conference, Yilan, Taiwan, pp. 631-637, 9-12 Dec. 2008.

7. Bassam Mahadeen, Widad Ismail, (2009). "A Wireless Image Sensors Network for Monitoring Dust on Desert Highways", 3rd National Seminar on Hajj Best Practice, 21-23 July, Penang, Malaysia.

8. Bassam Mahadeen, Widad Ismail, (2010). "Wireless Camera Mote Architecture for Dust

Classification Level On Desert Highways", World Wireless Forum, USM, 11-13 April,2010, Penang Malaysia.

9. Bassam AL-Mahadeen, Mokhled AlTarawneh, and Islam AlTarawneh, (2010). "Signature Region of Interest Using Auto Cropping", International Journal of Computer Science Issues, Vol. 7, Issue 2, No. 4, pp. 1- 5.

10. Bassam Al-Mahadeen, Widad Ismail and Mokhled Altarawneh (2010). "A Wireless Image Sensors Network for Monitoring Dust on Roads in Arid Conditions", Electronics World, Vol. 116, Issue 1892, August 2010, (UK).

11. Bassam Al-Mahadeen (2011). "Using RFID Technology for Chronic Care Management and Improvement in Jordanian Public Hospitals ", Journal of Computing, Vol.3, Issue1, pp. 76-83, Jan. 2011.

12. Al-Matarneh Mohammad, Al-Mahadeen Bassam, Al Rawashdeh Rami (2011). "ARequirement Model for a WAP-Based Mobile Banking Services in Jordan", Journal of Computer Science and Control Systems (JCSCS), Vol. 4, No. 1, pp. 17-22, May, 2011.

13. Al-Mahadeen Bassam, Al-Tarawneh Mokhled. Crypto key Generation based on Signature Biometric using Gabor features selection. Journal of Computer Science and Control Systems (JCSCS), Vol. 4, No. 1, pp. 13-16, May 2011.

14. Ahmad Al Jaafreh, Majdi Khalel and Bassam Al-Mahadeen, "Embedded Intelligent Web-based Controller Driven by Databasetriggers", JOURNAL OF COMPUTING, USA, VOLUME 3, ISSUE 5, MAY2011, ISSN2151-9617.

15. Fares Fraij, Bassam AL-Mahadeen, The Effect of Visual and Interactive Tools on Students' Performance in Identifying one-to-one Functions, Journal of Applied Computer Science &

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Mathematics, No. 12 (6) /2012.

16. Thamer A Alrawashdeh, Bassam M Al-Mahadeen, "Extended UTAUT to Examine the Acceptance of Web Based Training System by Public Sector", International Journal of Interactive Mobile Technologies, Vol 7, No 1 (2013).

17. Bassam Al-Mahadeen, (2015), "Factors Affecting the Readiness of Medical Doctors and Patients with Chronic Conditions toward the Usage of Smartphones in the Saudi Arabian Healthcare Sector", International Journal of Interactive Mobile Technologies, Vol. 9, Issue 1, 2015.

18. Bassam M. AL-Mahadeen, Ahmad ALthunibat, Saeed M.Z A. Tarabieh (2017). Measuring the Acceptance of Using UTMS in JORDAN UNIVERSITIES, Journal of Theoretical and Applied Information Technology, August 2017. Vol.95. No.15

19. Bassam M. AL-Mahadeen and Ameen Al-Mseden. Improving the QoS of VoIP over WiMAX Networks Using OPNET Modeler (2017). IJCSNS International Journal of Computer Science and Network Security, VOL.17 No.8, August 2017

20. Bassam Mahadeen and Aya Sarairah, Effective Model for Achieving a High Efficiency Level in WiMAX: Karak Case Study (2017). IJCSNS International Journal of Computer Science and Network Security, VOL.17 No.9, September 2017.

21. A. B. Hassanat, V. B. S. Prasath, B. M. Al-Mahadeen, S. M. M. Alhasanat. Classification and Gender Recognition from Veiled-faces. International Journal of Biometrics. 9(4), 347-364, Sep 2017.

Confercences:
1. International Conference on Information Technology and Natural Sciences (ICITNS), Al-Zaytoonah University, Amman, Jordan, October 19-21, (2003).
2. IEEE Asia-Pacific Services Computing Conference, Yilan, Taiwan, pp. 631-637, 9-12 Dec. 2008.
3. 3rd National Seminar on Hajj Best Practice,21-23 July, Penang, Malaysia.
4. World Wireless Forum, USM, 11-13 April,2010, Penang Malaysia.
5. The Arab-Acrao 35-Annual Conference, Sharja, UAE, 2016.
6. The Arab-Acrao 36-Annual Conference, Mutah, Jordan, 2017.
7. The Arab-Acrao 37-Annual Conference, Cairo, Egypt, 2018.

Teaching Courses
1. Computer Skills (I)
2. Computer Skills (II)
3. Introduction to Information Technology
4. Data Structures
5. Object-Oriented Programming
6. Operation Systems
7. Selected Topics in Information Technology
8. Selected Topics in Computer Science (Unix Programming)
9. Introduction to e-Commerce
10. Cobol Programming
11. Artificial Intelligence

12.Computer Networks
13.Software Project Management.
14.Principles of Web Design (Master Level)
15.Computer Graphics
16.Advanced Operating Systems (Master Level)
17.Simulation & Modeling (Master Level)

Committees
1. Member in Reviewing Policies in Information & Communication Technologies in Higher Education Committee, 2006.
2. Member in Technical Committee of Jordanian Universities Company, 2006-2007.
3. Member in IAJIT 2005 -2006.
4. Study Plan Committee
5. Electronic Transfer Committee.
6. Member of Tenders' Committee
7. Member of Computer Center Committee
8. Electronic Exam Committee
9. Faculty Member Council
10. University Member Council
11. Graduate Studies Committee
12. Student Affairs Committee
13. Committee for Drafting Student Exchange Instructions
14. Member of the Scientific Research Committee

15. Member of the Editorial Board of Mu'tah journal
16. Me

Consultancy
IT consultant 2005/2006 Tafila Technical University.

Journals Referee
1. International Arab Journal of Information Technology (IAJIT)
2. Information Technology Journal – Asian Network for Scientific Information.