

## OSAMA Mohammad RABABAH

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Department of Business Information Technology  
King Abdullah II School for Information Technology  
The University of Jordan  
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### EDUCATION

Loughborough University, Loughborough, UK, PhD, Computer Science Department  
*Quality Assessment of E-Commerce Websites Using Bayesian Belief Networks*, 2007.

### RESEARCH AREAS

- Quality of E-Business Systems, Software Quality, and Software Configuration Management
- Development and Implementation of Knowledge Management, Information and E-Business Systems
- Knowledge Management, Information Systems and E-Business

### PUBLICATIONS:

- **Osama Rababah**, Ahmad AlHwaitat, Saher Al Manaseer, Hussam Fakhouri, Rula Halaseh, **Web Threats Detection and Prevention Framework**, Communications and Network, Vol. 8, pp. 170-178, Scientific Research Publishing Inc, Aug 2016.
- **Osama Rababah**, Ahmad Hwaitat, Dana Al Qudah, Rula Halaseh, **Hybrid Algorithm to Evaluate E-Business Website Comments**, Communications and Network, Vol. 8, pp. 137-143, Scientific Research Publishing Inc, July 2016.
- **Osama Rababah**, Mohammad Alshraideh, Mohammad Abushariah<sup>3</sup>, Saher Manaseer and Maged AlQisi, **Optimizing the process of developing E-Government Website Using Decision Support System**, Scientific Research and Essays, Vol. 11(10), pp. 104-116, Academic Journals, May 2016.
- **Osama Rababah**, Ahmad Hwaitat<sup>2</sup>, Dana Al Qudah, **Sentiment analysis as a way of web optimization**, Scientific Research and Essays, Vol. 11(8), pp. 90-96, Academic Journals, April 2016.
- Saher Manaseer, Ahmad Alamoush, **Osama Rababah**, **Load Balancing for Hex-Cell Interconnection Network**, International Journal Communications, Network and System Sciences, Vol. 9, pp. 98-116, Scientific Research Publishing Inc, April 2016.
- **Osama Rababah**, Thair Hamtini, Hussam Fakhouri, Amjed Hudeb, and Ahmad Hwaitat, **Theoretical framework for social network marketing**

- based on genetic algorithm**, Scientific Research and Essays, Vol. 11(3), pp. 90-96, Academic Journals, Feb 2016.
- Muhannad Al-Shboul, **Osama Rababah**, Moh'd Al-Shboul, Rawan Ghnemat, Samar Al-Saqqa, **Challenges and Factors Affecting the Implementation of E-Government in Jordan**, Journal of Software Engineering and Applications, Vol.7, pp. 1111-1127, Scientific Research Publishing Inc, Dec 2014.
  - **Osama Rababah**, Muhannad Al-Shboul, Fawaz Al-Zaghoul, Rawan Ghnemat, **Website Search Engine Optimization: Geographical and Cultural Point of View**, Journal of Software Engineering and Applications, Vol.7, pp. 1087-1095, Scientific Research Publishing Inc, Dec 2014.
  - **Osama Rababah**, Thair Hamtini, Osama Harfoushi, Bashar Al-Shboul, Ruba Obiedat, Sahem Nawafleh, **Towards Developing Successful E-Government Websites**, Journal of Software Engineering and Applications, Vol.6, pp. 559-563, Scientific Research Publishing Inc, Oct 2013.
  - **Osama Rababah**. "Online Shopping: Perceptions and Expectations of the Students at The University of Jordan", Journal of American Science, Vol.9, No. 3, pp.66-71, Marsland Press/ U.S.A. 2013.
  - **Osama Rababah**, Muhannad Al-Shboul, Fawaz A. AL Zaghoul. "Utilizing Knowledge Management in Education: The case of 'The University of Jordan'", International Journal of Emerging Technologies in Learning (iJET), Vol. 8 No. 1 , Kassel University Press GmbH Germany, 2013.
  - Muhannad Al-Shboul, **Osama Rababah**, Munim Al-Saideh, Iman Betawi and Sinaria Jabbar. "A Vision to Improve E-Learning at The University of Jordan", World Applied Sciences Journal 21 (6): 902-914, IDOSI Publications, 2013.
  - Muhannad Al-Shboul, **Osama Rababah**, Rizik Al-Sayyed, Ghaleb Sweis, and Hanadi Aldreabi. Roadmap to Advance E-Learning Management System at the University of Jordan, Journal of American Science, Vol.9, No. 1, pp.531-545, Marsland Press/ U.S.A. 2013.
  - **Osama Rababah**. "Toward a knowledge-based society - The case of Jordan", Journal of American Science, Vol.8, No. 12, pp.1173-1179, Marsland Press/ U.S.A. 2012.
  - Sahem Nawafleh, Osama Harfoush Samaher Fakhouri Ruba Obiedat, **Osama Rababah**, "Facebook Impact on Users Social Life", Journal of American Science, Vol.8, No. 12, pp.333-339, Marsland Press/ U.S.A. 2012.
  - Hamtini, T., and **Osama Rababah**. "Graphical Model for Assessing the Quality of E-Commerce Systems", International Review on Computers and Software (IRECOS), Vol.7, No. 1, pp:9-17, Praise Worthy Prize S.R.I-USA 2012.
  - **Osama Rababah**, Muhannad Al-Shboul and **Rizik Al-Sayyed**. "A New Vision for Evaluating the Quality of Ecommerce Websites", International Journal of Advanced Corporate Learning (iJAC), Vol. 1, Issue 1, pp. 32-41, Kassel University Press GmbH, Germany, 2011.
  - Hamtini, T., and **Osama Rababah**. Designing and Implementing a Navicat Database System for a Call Center, International Journal of Advance Corporate Learning, Vol. 4, Issue 1, pp. 12-17, Kassel University Press 2011.
  - **R. M. H. Al-Sayyed**, S. Manaseer and **Osama Rababah**. "Mobile Information System, How to Build with Case Study", International Journal of Interactive Mobile Technologies (IJIM), Vol. 4, No. 4, pp. 12-17, Kassel University Press GmbH, Germany 2010.
  - **Osama Rababah**, Hamtini, T. "Causal Interrelations Among E-business Website Quality Factors", ABHATH AL-YARMOUK: Journal of Basic Science and Engineering,

## **EMPLOYEMENT / POSITIONS HELD**

### **Feb–2009 to Apr –2013**

#### **The University of Jordan**

**Assistant Professor**, Business Information Technology Dept,  
King Abdullah II School for Information Technology. Teaching:  
Application Development-1 (Web Design), E-Business, Management  
Information System, IT Fundamentals courses, and Educational IT.

### **Apr –2013 to Date**

#### **The University of Jordan**

**Associate Professor**, Business Information Technology Dept,  
King Abdullah II School for Information Technology.

### **Other Duties include:**

**Assistant Dean for Development Affairs** (Sept. 2011 – Sept. 2012)

**Head of** Business Information Technology Dept, (Sept. 2010 – Sept. 2011)

### **Jan-2008 to Dec-08 Sultan Qaboos University – Oman**

Teaching (Part Time): Web Application Development (ASP.Net),  
IT Fundamentals courses,

### **Jan-2008 to Dec-08 Higher college of Technology – Oman**

Teaching: Web Application Development (ASP.Net), Software  
Engineering, Java Programming, IT Fundamentals courses,

### **Languages ...**

Fluent in both Arabic and English: reading, writing and speaking.

### **Others ...**

- I attended many training courses including: developing staff at The University of Jordan.
- I attended many international seminars and workshops.
- I have other publications in the area “Quality of Web Application”.
- I have received many certificates of appreciation.

### **Technologies...**

- XAMPP
- Zend Studio
- Visual Basic.Net
- SPSS
- Active Server Pages (ASP.Net)
- MySQL Server
- C++ and Visual C++
- Pascal

### **Teaching...**

*Many courses including ...*

- Web Application Development 2 (PHP)
- Active Server Pages.Net
- Web Application Development 1 (HTML, Java Script)
- Web Publishing

- Social Media Network
- E-Business (E-Portal Development)
- E-commerce
- IT Fundamentals
- Software Engineering
- Management Information System
- Java Programming
- Computer Skills-2
- Dream Weaver
- Photoshop
- Multimedia
- Database Concepts
- C, C++ Programming
- Data Structure

### **Committees...**

*The University of Jordan, King Abdullah II School for Information Technology, (2009 – Present)...*

- Member of the e-Learning Committee.
- Member of the Curriculum Committee
- Member of College Council
- Member of Scientific Week Committee.
- Member of the Supervising committee on Students Union's elections.