

# Mohammed Q. Shatnawi

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## Education

2004- Jan.2007

**Doctor of Science in Computer Science**

The George Washington University, Washington DC

Sep. 2002- Jan. 2004

**M.Sc. in Computer Science**

The George Washington University, Washington DC

1995-June 1999

**B.Sc. in Computer Science**

Yarmouk University, Jordan

## Research Interests

Audio, Image, and Video Processing  
Information Security and Information Assurance  
Algorithms and Math Search  
Data Mining and Information Retrieval  
Health Information Systems  
Business Information Systems

## Skills & Qualifications

- Excellent programming skills in C++, Visual Studio .Net and Java.
- Major database applications (*e.g.* Oracle 10g)
- Excellent skills in Internet programming (*e.g.* JSP, ASP.NET, PHP, etc.)
- Teaching the MIS-related courses and web development courses
- Project management tools and applications

## Work Experience

<b>Sep 2<sup>nd</sup>, 2013 – Aug 31<sup>st</sup>, 2016</b> <b>2016</b>	Vice Director of the Computer and Information Center
<b>Sep 3<sup>rd</sup>, 2012 - Present</b>	Associate Professor
<b>Sep 2002- Jan 2007</b>	Master and Ph.D. at the George Washington University/ DC. I worked at the GW as research assistant and teaching assistant for 8 consecutive semesters in addition to the administrative work at the Gelman library.
<b>Jan 11<sup>th</sup> 2002- Aug 20<sup>th</sup> 2002</b>	MBA in information technology/ Oklahoma city university (Not completed/ Transfer to GW) based on the decision of my sponsor.
<b>Oct 16<sup>th</sup> 1999- Jan 6<sup>th</sup> 2002</b>	Teaching Assistant at the Jordan University of Science and Technology (Different courses like, C++, C, VB, DB and Java). In addition to the task of maintaining the workstations in the labs and installing different kind of software including different operating systems (e.g. Windows 95, 98, 2000, NT, and Linux)
<b>June 20<sup>th</sup> 1999- Oct 12<sup>th</sup> 1999</b>	Programmer at the Jordan National Bank/ Jordan , Amman

## Training and Workshops

1. Curriculum Development and Course Planning, Jordan University of Science and Technology, 20<sup>th</sup> and 27<sup>th</sup> of July, 2017
2. Problem Based Learning, Jordan University of Science and Technology, 6<sup>th</sup> and 13<sup>th</sup> of July, 2017
3. PMP Certification Preparation/ 40 hours, Process and Smith Center / Amman, 25/9/2016 -6/10/2016
4. Certified Management Accounting (Financial Reporting, Planning, Performance, and Control), 25<sup>th</sup> of April to 29<sup>th</sup> of August 2016. Amman- Jordan.
5. Quality Management System Requirements (ISO 9001:2008), Quality Consultants/ Amman, 19-22/2/2012
6. Process Modeling & Implementation with IBM Business Process Manager v7.5, (WB733), IBM Company, 17<sup>th</sup>-21<sup>st</sup> June 2012
7. Developing Applications for IBM Business Process Manager, Advanced v7.5 (WB733), IBM Company, 24<sup>th</sup>-28<sup>th</sup> June, 2012.
8. Statistical Analysis of Examinations & Research Data, Jordan University of Science and Technology, 14<sup>th</sup>-15<sup>th</sup> October, 2009.

9. Modern University Instructional Methods, Jordan University of Science and Technology, 14<sup>th</sup>-15<sup>th</sup> March, 2007.
10. Testing and Evaluation “University Examinations”, Jordan University of Science and Technology, 21<sup>st</sup>-22<sup>nd</sup> November, 2007.

## **Master Thesis Supervised**

- 1- Fatima Mousa Quiam, " Expanding the Grammar of Equivalence Rules (GER) for Mathematical Search", May, 2009.
- 2- Reem Mahafza, "Retrieving Arabic Textual Documents Based on Quires Written in Arabic Slang Language", December 2010.
- 3- Suzan A. Amareen, “Content Based Image Retrieval for Medical Applications Using Low Level Image Dicriptors”, December 2011.
- 4- Anas Shatnawi, “A New Framework for Software Library Investment Metrics”, December, 2011.
- 5- Kholoud Mukdadi, “Increasing the target prediction accuracy of microRNA based on combination of prediction algorithms”, December 2011.

## **Master Thesis Examiner and Reviewer**

Internal examiner and reviews for the following master theses:

- 1- Using the Responsive Algorithm for Energy Efficient Constrained Application Protocol of the Internet of things, July, 2017.
- 2- Energy Saving in Constrained Application Protocol of Internet of Things by Using Dynamic Tuning Approach, May 2016.
- 3- A Novel Multipath Load Balancing Approach Using Fibonacci Sequence for Mobile Ad Hoc Networks, September 2010.
- 4- Hybrid Routing Technique in Network Simulation, July 2007.
- 5- A Multi-label Hierarchical Classifier for Predicting Protein Folds, July 2007.

External examiner and reviews for several master theses.

- 1- The Effect of the Information Technology on the Organizational Excellence in Open Arab Universities, Amman Arab University, February, 2017

- 2- Applying Modified Sequential Constructive Crossover Operator to Solve Traveling Salesman Problem, Al al-Bayt University, 2014
- 3- Developing the Organization Security by Mining its log Files, Al al-Bayt University, 2014
- 4- A New Method of Image Compression By decomposing the Tree Huffman Technique, Amman Arab University, 2014
- 5- A Rough Set Based Approach for Arabic Text Categorization, Yarmouk University, April, 2013

## **Personal Information**

Date of birth: 08/01/1977

Gender: Male

Marital Status: Married

Last Update in November, 2017