Qusai Qasem Abuein

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Computer Information Systems Department
College of Computer and Information Technology
Jordan University of Science and Technology
P.O. Box 3030
Irbid 2210, Jordan

CAREER OBJECTIVE

A career teaching professional with 11 years of experience using the most modern techniques and up to date materials. Seeking a teaching position in a university that aims to cope the modern teaching techniques and most recent topics (information security, authentication, database application and database protection).

Research Interest
- **Authentication (Multicast, Mobiles)**
- **Web and social analytics**
- **Information Retrieval and Recommended Systems (trusted)**

SKILLS

- **PC Application**: Web development Applications (ASP.NET, Front Page, JavaScript)
- **Operating systems**: UNIX, BSD, Linux, VMS, Windows, and DOS
- **Programming Languages**: Assembly, C, C++, C#, BASIC, Visual BASIC, COBOL, FORTRAN, Pascal, SQL, CGI, Perl, PHP, HTML, Java and JavaScript, JQuery

PROFESSIONAL EXPERIENCE

- CIS department chair 2016/2017

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- CIS department chair 2002/2003
- Chair, for developing CIS master program
- Member, for developing CIS bachelor program
- Chair, for developing MIS bachelor program of Dar Al Uloom University (Saudi Arabia), 2014
- Chair, ABET CIT collage committee 2011/2012
- Member, ABET CIS department committee

**Jordan University of Science and Technology, Jordan**
**Computer and Information Systems Dept.**　　　　　　　　　　**Dec 2017-Present**

**Key Responsibilities:**
- **Associate Prof.**
- Teaching different courses (Communications skills, Java programming, Web Development Applications, Database Application "Oracle", Knowledge Based Systems Introduction into multimedia, information systems, Information Technology and others).
- Developing the material of most of the courses to cope the latest technologies.
- Developing the teaching methods to suit student's levels and interests.
- Assigning the best suitable books and cope the recent editions.
- ABET department coordinator.
- CIS dept. head

**Jordan University of Science and Technology, Jordan**
**Computer and Information Systems Dept.**　　　　　　　　　　**Feb 2007-2017**

**Key Responsibilities:**
- **Assistant Prof.**
- Teaching different courses (Java programming, Web Development Applications, Database Application "Oracle", Knowledge Based Systems Introduction into multimedia, information systems, Information Technology and others).
- Developing the material of most of the courses to cope the latest technologies.
- Developing the teaching methods to suit student's levels and interests.
- Assigning the best suitable books and cope the recent editions.
- ABET department coordinator.

**Philadelphia University, Jordan**
**Computer and Information Systems Dept.**　　　　　　　　　　**July 2006 – Feb 2007**

**Key Responsibilities:**
- **Assistant Prof.**
- Teaching different courses (Introduction to Information Systems, Introduction to Information Technology)
- The Quality Assurance department coordinator.

**Yarmouk University, Jordan**
**Computer and Information Systems Dept.**　　　　　　　　　　**April 2006 – July 2006**

**Key Responsibilities:**

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- **Assistant Prof.**
- Teaching different courses (Introduction to Computer Science, Introduction to Networks, HTML programming)

Yarmouk University, Jordan
Computer Information Center   **April 1994 – July 1999**

Key Responsibilities:
- **Programmer and systems analyst.**
- Analyzing the system and programming it, within a team of programmers and analysts, I led the team for more than two years..
- In addition to teaching the users how to use these systems, I used to teach other courses such as Microsoft Office, Operating System, and Database applications in the computer and information center and in the consultations and community service center.
- The systems I analyzed and shared its analysis are Payroll, Insurance, Personnel affairs, Leave, and Comprehensive health center of the Yarmouk University.

Al-Zaytoonah University
Administrative   **Oct 1993 – March 1994**

Key Responsibilities:
- Personnel affair department employee
- Secretary staff trainer on computer and applications
- Central tender secretary

Publications   (After 2016)

International Journals

1. Mohammed Q. Shatnawi, "**A New Framework for Online Recommendation Systems Based on Open Approach Feedback**", accepted to be published in the International Journal on Communications Antenna and Propagation, August 2019.

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## International Conferemces

1. Qusai Abuein, Ali Shatnawi, Huda Al-Sheyab, "**Trusted Recommendation System Based on Level of Trust (TRS_LoT)**", International Conference on Engineering and Technology (IEEE ICET), August, Antalya, Turkey. 2017.
2. Qusai Abuein, Mohammed Shatnawi, Reem Mahafza, **"The Impact of Social Media on the Customers' Purchase Behaviours: A Case Study",** 7th International Conference on Advanced Technologies (ICAT'18), Turkey, Antalya, May, 2018.
3. Mohammed Shatnawi, Qusai Abuein, Omaimah Alzoubi, **"A New Framework for Online Recommendation Systems Based on Open Approach Feedback",** 7th International Conference on Advanced Technologies (ICAT'18), Turkey, Antalya, May, 2018.
4. Mohammed Q. Shatnawi, Maen J. Qaddoura, Qusai Abuein, Zain Halloush, "**The Effect of Using Data Analytical Capabilities to Enhance the Performance of Undergraduate Students**", Fifth Teaching and Learning Conference 2019 (TLC5), September12, 2019, Sultanate of Oman.
5.

## Publications   (2016 and before)

### International Journals

- Qusai Abuein and Susumu Shibusawa, "**A Graph-based new amortization scheme for multicast streams authentication**", Journal of Advanced Modeling and Optimization, Vol. 7, No. 2, pp.238-261, 2005.
- Sayel M. Fayyad, Suleiman Abu-Ein, Qusai Abuein, Ghazi Al-Marahleh and Nasr Al-Kloub, " **Driving under Influence of Alcohol Preventer Embedded System**", Journal of Applied Sciences Research, 5(10): 1381-1389, 2009.
- Qusai Abuein, Suleiman Abu-Ein, Sayel M. Fayyad and  Ghazi Al-Marahleh, "**Automobile Functions Control System via Bluetooth Utility**", Australian Journal of Basic and Applied Sciences, 3(4): 3273-3282, 2009
- Mohammed Shatnawi, Qusai Abuein and Susumu Shibusawa, "**Signing the First Packet in Amortization Scheme for Multicast Stream Authentication**" , World Academy of Science Engineering and Technology, International Journal of Computer, Electrical, Automation, Control and Information Engineering Vol:4, No:2, 203-207, February 2010.
- Suleiman Abu-Ein, Sayel M. Fayyad, Qusai Abu-Ein, Waleed Al-Momani, Ashraf A. Abu-Ein and Muntaser Al-Momani, "**Controlling Automobile Functions by the Phone as an Embedded System**", Australian Journal of Basic and Applied Sciences, 4(7): 2134-2142, 2010.
- Mohammed Shatnawi and Qusai Abuein, "**A Digital Ecosystem-based Framework for Math Search Systems**", International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 3, No. 3, 78-83, March 2012.
- Mohammed Shatnawi, Qusai Abuein and Omar Darwish, "**Verifying Hadith Correctness in Islamic Web Pages using Information Retrieval Techniques",** International Journal of Computer Applications , Vol. 44– No13, 47-50, April 2012.
- Muneer Bani Yassein, Qusai Abuein and Deya Alzoubi, "**Dynamic Probabilistic Flooding in DSR Routing Algorithm for Wireless Network**", Journal of Emerging Technologies in Web Intelligence, Vol. 4, No. 4, November 2012.
- Mohammed Shatnawi, Qusai Abueinin, Reem Mahafza, "**Classical to Slang Conversion for Retrieving Arabic Documents Using Slang Queries**", Journal of Information Science, Vol. 40(2) 146–153, April 2014.

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- Qusai Q. Abuein, Mohammed Q. Shatnawi, Radwan Batiha, Ahmad Al-Aiad and Suzan Amareen, "**Content-Based Image Retrieval for Medical Applications with Flip-Invariant Consideration Using Low-Level Image Descriptors**", International Journal of Advanced Computer Science and Applications (IJACSA), Vol 7(4) 279-283, April 2016.
- Muneer Bani Yassein, Maged Refat Fakirah, Qusai Abuein, Mohammed Shatnawi, Laith Bani Yaseen, " **Data Traffic Optimization in Different Backoff Algorithms for IEEE 802.15.4/Zigbee Networks**", (IJCSIS) International Journal of Computer Science and Information Security, Vol. 14, No. 4, 62-66, April 2016.
- Qusai Abuein, Mohammed Q. Shatnawi, Muneer Bani Yassein, Radwan Batiha, "**A Framework for Social Media and Text-Based Content Analysis for Event Management Purposes**", International Review on Computers and Software (I.RE.CO.S.), Vol. 11, No. 5, 388-394, May 2016.
- Muneer Bani Yassein, Qusai Abuein, Ahmad Bani Amer, "**Energy Saving in Constrained Application Protocol of Internet of Things**", International Journal on Communications Antenna and Propagation (IRECAP.), Vol. 6, No. 3, 160-168, July 2016.
- Qusai Q. Abuein, Muneer Bani Yassein, Mohammed Q. Shatnawi, Laith Bani-Yaseen, Omar Al-Omari, Moutaz Mehdawi and Hussien Altawssi, "**Performance Evaluation of Routing Protocol (RPL) for Internet of Things**", International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 7, No. 7, 17-20, 2016

International Conferences

- Qusai Abuein, Susumu Shibusawa and Yasuhiro Ohtaki, "**Proxy caching algorithms to reduce response delay**," Proceeding of the IASTED International Conference NPDPA, pp. 305-312, Oct. 2002
- Qusai Abuein and Susumu Shibusawa, "**Efficient multicast authentication scheme using signature amortization**," Proceeding of the IASTED International Conference CIIT, pp. 133-140, Nov. 2004
- Qusai Abuein and Susumu Shibusawa, "**New chain construction for multicast stream authentication**," Proceeding of the ICENCO int. Conference NTIS, pp. 174-179, Dec. 2004.
- Qusai Abuein and Susumu Shibusawa, "**The performance of amortization scheme for secure multicast streaming**," The 6th international workshop on information security application WISA, pp. 169-184, Aug. 2005.
- Qusai Abuein and Susumu Shibusawa, "**Signature amortization using multiple connected chains**," 9th IFIP TC-6TC-11 International conference on CMS, pp.65-76, Aug. 2005.
- Qusai Abuein, Mohammed Shatnawi and Radwan M. Batiha, "**Expanded Grammer for Detecting Equivalence in Math Expressions**", IEEE DEST 2009 Digital Ecosystems and Technology, May, 2009, Turkey.
- Hassan Najadat, Qusai Abuein, "**A New Approach for Solving Constraint Satisfaction Problems: Coloring Problem Using Non-Adjacent Lists** ", ICSECS 2009, Pahang, Malaysia
- Qusai Abuein, Hassan Najadat, Sana Wedian and Deya Alzoubi, "**A New Efficient KEA Based Approach for E-mail Spam Detection**",ACIT, Dec., 2009, Sanaa, Yemen.
- Mohammed Shatnawi, Qusai Abuein and Susumu Shibusawa, "**Signing the First Packet in Amortization Scheme for Multicast Stream Authentication**", ICCIS 2010, International Conference on Computer and Information Science, April, 2010, Penang, Malysia.
- Qusai Abuein and Mohammed Shatnawi, "**Developing a Trusted Event Management Network**", ICCESSE 2010, International Conference on Computer, Electrical, and Systems Science, and Engineering, Oct. 2010, Paris, France.
- Mohammed Shatnawi, Qusai Abuein, and Anas Shatnawi, "**A modified framework for labeling images based on human computation and robust technique**", ICCESSE 2010, International Conference on Computer, Electrical, and Systems Science, and Engineering, Oct. 2010, Paris, France.
- Mohammed Shatnawi, Qusai Abuein, "**A Digital Echosystem-Based Framework for Math-Based Search System**", 8th International Conference on Information Technology : New Generations ITNG 2011, April , Las Vegas, USA.

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- Mohammed Shatnawi, Qusai Abuein, Omar Darwish, "**Verification Hadith Correctness in Islamic Web Pages Using Information Retrieval Techniques**", 2nd International Conference on Information and Communication Systems ICICS 2011, May, Irbid, Jordan.
- Muneer Bani Yassein, Qusai Abuein, Mohammed Shatnawi, Deya Alzoubi, **" Analytical Study of the Effect of Transmission Range on the Performance of Probabilistic Flooding Protocols in MANETs " ,** ACIT, Dec., 2011, Riyadh, Saudi Arabia.
- Mohammed Shatnawi, Qusai Abuein, Reem Mahafza, "**AI-Based System for Arabic Search Engine**", The Second International Conference on Digital Enterprise and Information Systems (DEIS2013), 2013, March, Kuala Lumpur, Malaysia.
- Mohammed Shatnawi, Qusai Abuein, Suzan Amareen, "**Content-based Image Retrieval for Medical Applications with Flip-Invariant Consideration using Low-Level Image Descriptors**", International Conference on Computational and Experimental Science and Engineering (ICCESEN) 2014, October, Antalya, Turkey.
- Bushra Al-Ja'afreh, Mohammad Alhammouri, and Qusai Abuein, "**Id-Based Mutual Authentication with Signcryption Scheme for Mobile Devices**", International conference on Computer Science and Information Systems (ICSIS'2014) Oct, 2014 Dubai (UAE)
- Qusai Abuein, Ahmad Ajlouni, "**Effectiveness of Scientific Methods in Detecting Phishing Websites in Jordan**", Proceedings of Second International Conference on Digital Information Processing, Data Mining, and Wireless Communications (DIPDMWC2015), Dubai, UAE, 2015.

## National Conferences

- Qusai Abuein and Susumu Shibusawa, "**Replacing Objects in Proxy Server's Cache Based on Two Criteria,**" Information Processing Society of Japan, No. 62, 2001, Japan.
- Qusai Abuein and Susumu Shibusawa, "**An Experimental Proxy-Caching Study Based on Response Delay Times,**" The Institute of Electronics, Information and Communication Engineers, 2002, Japan.
- Qusai Abuein and Susumu Shibusawa, "**Efficient Loss Resistance Multicast Stream Authentication,**" Internet Conference 2004, Japan
- Qusai Abuein and Susumu Shibusawa, "**New Hash Chain for Signature Amortization Schemes,**" Information Processing Society of Japan, No. 67, 2005, Japan.
- Qusai Abuein and Susumu Shibusawa, "**Authentication Probability of Multiple Connected Chains Model for Signature Amortization,**" The Institute of Electronics, Information and Communication Engineers, 2005, Japan.

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Master Thesis Supervised

•	al-ahmad mahmoud ahmad alaa	Present 2018	
•	arifa nafeh mohammad alhaj-ali	Present 2018	
•	AHMAD ABD ALNAEEM ALI BANI AMER	Energy Saving in Constrained Application Protocol of Internet of Things by Using Dynamic Tuning Approach	May, 2016
•	Huda yousef Mohammad Al-sheyab	Trusted Recommendation System Based on Level of Trust	Feb, 2016
•	Motasim Hani Mahmoud Albadarneh	Real Time Mobile Based Rescue and Crises Management Awareness System	Aug, 2014
•	AHMED IBRAHIM KHALEEL AL-AJLOUNEY	Effectiveness of scientific methods in detecting phishing Websites in jordan	Jan, 2013
•	bushra mohammad irsheid aljaafreh	Id- Based Mutual Authentication With Signcryption Scheme For Mobile Devices	May, 2012
•	DEYA ABDALLA ALI ALZOUBI	Dynamic Probabilistic Flooding in DSR Routing Algorithm for MANETs	May, 2010

EDUCATION

Ibaraki University-Japan,   **March 2006**
PhD Degree, Information and System Sciences

Ibaraki University-Japan,   **March 2002**
Master Degree, Computer and Information Sciences

Al Yarmouk University, Irbid - Jordan   **May 1993**
Bachelor's degree/higher diploma, Computer Science

Training Courses Attended:
To be submitted upon request

PERSONAL INFORMATION

Birth Date	:	1 November 1971
Nationality	:	Jordan
Marital Status	:	Married
Number of Dependants	:	4
Driving License	:	Jordan
Languages Known	:	Arabic, English and Japanese

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