

ZAINAB M. ALJAZZAF
dr.zainab@ku.edu.kw

ACADEMIC INFORMATION :

Bachelor of Electrical and Computer Engineering **August 1997**
College of Engineering and Petroleum
Kuwait University, Kuwait

Master in Electrical and Computer Engineering **January 2005**
College of Engineering and Petroleum
Kuwait University, Kuwait
Master Project: Memory Testing.
Supervisor: Dr. Sultan Al-Harbee

PhD in Computer Science **December 2011**
The University of Western Ontario
London, Ontario, Canada
PhD Thesis: Trust-Based Service Selection
Supervisors: Prof. Mark Perry and Prof. Miriam Capretz

ACADEMIC RESEARCH INTERESTS:

Major Research area: Web Development.

Research interest: Distributed Systems, Service Oriented Architecture, Web Services, Trust, Quality of Services, Service Management, Cloud computing, e-government, e-learning, e-commerce, e-crime, e-voting.

HONOURS AND AWARDS:

- Student advisory committee member of the top student in Electrical and Computer Engineering Department
College of Engineering and Petroleum
Kuwait University, Kuwait
1996
- Student advisory committee member of the top student in Electrical and Computer Engineering Department
College of Engineering and Petroleum
Kuwait University, Kuwait
1997
- Kuwait University award for the top graduates
2005
- Kuwait University Scholarship
2006 - 2011
- Western Graduate Thesis Research Award
Faculty of Science

The University of Western Ontario, Canada
2010 - 2011

- First prize awards in UWO Research in Computer Science Conference, UWORCS 2011
The University of Western Ontario, Canada
April, 2011
- Research Initiation grant
College of Computer Sciences and Engineering
Kuwait University, Kuwait
2012-2013
- Research grant (Bootstrapping Quality of Web Services)
College of Computer Sciences and Engineering
Kuwait University, Kuwait
2013-2014
- Research grant (Trust in Kuwait e-government)
College of Computer Sciences and Engineering
Kuwait University, Kuwait
2017-2018

RELATED WORK EXPERIENCES:

- Computer Engineer
Kuwait Ministry of Affairs
1997 - 2003
- Teaching Assistant (Volunteering)
College of Engineering and Petroleum
Electrical and Computer Engineering Department
Kuwait University, Kuwait
2005
- Teaching Assistant
College for Women
Department of Information Science
Kuwait University, Kuwait
2005 - 2006
- Session Chair and Judge in UWORCS 2011
University of Western Ontario, London, Ontario, Canada
April, 2011
- Assistant Professor
Department of Information Science
College of Computing Sciences and Engineering
Kuwait University
January, 2012
- Session Chair and Judge in KCESS 2012
Kuwait University, Kuwait
December, 2012
- Session Chair and Judge in IEOM 2015
Dubai, UAE
March 3-5, 2015

- Session Chair and Judge in ICCSE 2016
Kuwait University, Kuwait
December, 2016

LECTURES AND PRESENTATIONS:

- Reading course presentation, “Trust in Internet and Web Services”, December, 2009.
- UWORCS 2010 conference presentation, “Trust in Web Services”, April, 2010.
- Conference poster presentation, “Trust in Web Services”, IEEE Congress on Services”, July, 2010.
- PhD proposal presentation, “A Framework for Trust Establishment and Trust-based Service Selection”, September, 2010.
- UWORCS 2011 conference presentation, “Trust Bootstrapping Services and Service Providers”, April, 2011.
- CCECE 2011 conference presentation, “Toward a Unified Trust Framework For Trust Establishment and Trust Based Service Selection”, May, 2011.
- PST 2011 conference presentation, “Trust Bootstrapping Services and Service Providers”, July 20, 2011.
- ICSECS 2013 conference presentation, "A Review on Quality of Online Services", August, 2013.
- Kuwait University poster, “ToTEF: Total Trust Evaluator Framework”, March 25, 2014.
- IEOM 5th International conference on Industrial Engineering and Operations management, “Total Quality of Service Model”, Dubai, UAE, March 3-5, 2015
- QoSBF: QoS Bootstrapping Framework, Science and Information Conference, London, UK, July 28-30, 2015.
- Evaluating Trust in E-government: The case of Kuwait, International Conference on Computer and Technology Applications (ICCTA 2019), Istanbul, Turkey, April 16 - 17, 2019.

PUBLICATIONS

- Zainab M. Aljazzaf, M. Perry, and M. A.M. Capretz. Trust in Web Services. IEEE Congress on Services, SERVICES 2010, pp. 189-190, Miami, FL, USA, 2010.
- Zainab M. Aljazzaf, M. Perry, and M. A.M. Capretz. Online Trust: Definition and principles. ICCGI 2010: The fifth International Multi-Conference on Computing in the Global Information Technology, September 20-25, Valencia, Spain, 2010.
- Zainab M. Aljazzaf, M. Perry, and M. A.M. Capretz. Trust Metrics for Services and Service Providers. ICIW2011: The Sixth International Conference on Internet and Web Applications and Services, March 20-25, St. Maarten, The Netherlands Antilles, 2011.
- Zainab M. Aljazzaf, M. Perry, and M. A.M. Capretz. Toward a Unified Trust Framework for Trust Establishment and Trust Based Service Selection. CCECE 2011, May 8-11, Niagara Falls, Ontario, Canada, 2011.

- Zainab M. Aljazzaf, M. A.M. Capretz, and M. Perry. Trust Bootstrapping Services and Service Providers. PST 2011, July 19-21, Montreal, Quebec, Canada, 2011.
- Zainab M. Aljazzaf, A Review on Quality of Online Services, ICSECS 2013: the 3rd International Conference on Software Engineering & Computer Systems. University Malaysia Pahang, Gambang, Pahang, Malaysia, August 20-22, 2013.
- Zainab M. Aljazzaf, ToTEF: Total Trust Evaluator Framework, Poster Day, Kuwait University, March 25, 2014.
- Zainab M. Aljazzaf, Bootstrapping Quality of Web Services, Journal of King Saud University - Computer and Information Sciences, Volume 27, Issue 3, July 2015, Pages 323–333.
- Zainab M. Aljazzaf, Modelling and Measuring the Quality of Online Services, Kuwait Journal of Science and Engineering, Kuwait University, September, Volume 42, No 3, 2015.
- Zainab M. Aljazzaf, TQoSM: Total Quality of Service Model, IEOM 5th International conference on Industrial Engineering and Operations management, Dubai, UAE, March 3-5, 2015.
- Zainab M. Aljazzaf, QoSBF: QoS Bootstrapping Framework, Science and Information Conference, London, UK, July 28-30, 2015.
- Sharifa AlAli, Zainab M. Aljazzaf, Mohammad Sarfraz, Factors influencing e-Participation in Kuwait e-Government, Poster Day, Kuwait University, March 28, 2016.
- Mariam Alansari, Zainab M. Aljazzaf, Mohammad Sarfraz, Influencing e-crime Factors in Kuwait Society, Poster Day, Kuwait University, March 28, 2016.
- Zainab M. Aljazzaf, M. A.M. Capretz, and M. Perry, Trust-Based Service Oriented Architecture, Journal of King Saud University - Computer and Information Sciences, Accepted Nov. 2015, available online April 2016.
- Zainab M. Aljazzaf, SOA Extension for Supporting QoS Bootstrapping. In *Proceedings of the 7th International Conference on Computing Communication and Networking Technologies (ICCCNT '16)*. ACM, New York, NY, USA, Article 6 , 6 pages. DOI: <https://doi.org/10.1145/2967878.2967885>
- Shok Shama, Hawraa Abdulreda, Zainab M. Aljazzaf, Quality of Kuwait E-government Services, Poster Day, Kuwait University, March 25, 2019.
- Mariam Alansari, Zainab M. Aljazzaf, Mohammad Sarfraz. "On Cyber Crimes and Cyber Security", *Developments in Information Security and Cybernetic Wars*. IGI Global, 2019. 1-351. Web. 31 Mar. 2019. doi:10.4018/978-1-5225-8304-2.
- Zainab M. Aljazzaf, Evaluating Trust in E-government: The case of Kuwait, International Conference on Computer and Technology Applications (ICCTA 2019), Istanbul, Turkey, April 16 - 17, 2019.
- Shok Shama, Hawraa Abdulreda, Zainab M. Aljazzaf, Evaluating the Quality of Kuwait E-government Services, 2019 IEEE 10th GCC Conference & Exhibition (GCC), Kuwait, April 19-23, 2019.

DEPARTMENTAL AND COLLEGE COMMITTEES

Advising committee, Research committee, Course Schedule committee, Research & Graduate Studies committee, Assessment and Continuous Improvement committee, Social and Public Seminar committee, Student Advising committee, Annual Report committee.

COURSES TAUGHT

- Spring 2011-2012
 - Networks and Telecommunication.
 - Computational Methods.
 - Capstone Project.
- Fall 2012-2013
 - Web Programming.
 - Computational Methods.
 - Capstone Project.
 - Portfolio supervision.
- Spring 2012-2013
 - Operating System & File System Organization.
 - Fundamentals of Personal Computers.
 - Internship.
 - Portfolio supervision.
- Summer 2012-2013
 - Web programming.
- Fall 2013-2014
 - E-governance. (Master course)
 - Fundamentals of Personal Computers.
 - Internship.
 - Portfolio supervision.
- Spring 2014-2015
 - Fundamentals of Personal Computers.
 - Web Programming.
- Summer 2014-2015
 - Networks and Telecommunication.
- Fall 2015-2016
 - Web Applications and Services (Master course)
 - Web Programming.
- Fall 2016-2017
 - Operating System & File System Organization.
 - Internship.
- Summer 2016-2017
 - Operating System & File System Organization.
- Fall 2017-2018
 - Web Applications and Services (Master course)
 - Fundamentals of Personal Computers.
- Spring 2017-2018
 - Fundamentals of Personal Computers.

- Web Programming.
- Fall 2018-2019
 - E-governance (Master course)
 - Fundamentals of Personal Computers.
- Spring 2018-2019
 - Fundamentals of Personal Computers.
 - Capstone Project and Internship.
- Fall 2019-2020
 - Operating System & File System Organization.
 - Fundamentals of Personal Computers.

SUPERVISION OF MASTER STUDENTS

Master thesis:

- Sharifa Abdulla. Factors influencing e-Participation in Kuwait e-Government. *(Graduated May 2016)*
- Mariam Alansari. Influencing Electronic crime Factors in Kuwait Society. *(Graduated May 2016)*
- Ashwaq Al-Raish. M-commerce in Kuwait *(Graduated May 2017)*
- Najla Alajmi: Factors influencing e-learning in Kuwait schools. *(Graduated July 2018)*
- Mariam Alqalaf: Mobile addiction.
- Nouf Alanazi: English Pronunciation in E-learning.
- Hussain Alyousify: Quality of e-government services.

Master Project:

- Fatma shams: Quality of Cloud Services *(Graduated May 2016)*
- Noha Abdallah: E-voting for Kuwait government. *(Graduated May 2018)*
- Shorouq Alhendal: Influence of payment through M-commerce in Kuwait. *(Graduated May 2019)*