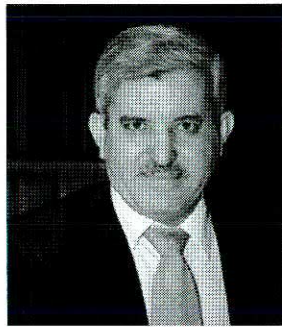


CURRICULUM VITAE



Fawaz Ahmad M. MASOUD AL Zaghoul
A full Professor of Computer Information Systems
The University of Jordan

1-RESEARCH SUMMARY

IEEE and ACM professional member, **over 50 research papers published in international refereed journals and conferences**, in the areas of Software Systems Development Methodologies, Software Engineering, Algorithms reengineering, Computer Networks, Software Systems Retrieval, Computer Arabization, Quality Metrics and Quality Control, database Applications, Applications of Artificial Intelligence, Computer Education and Distance Learning. **Refer to the attached *Research Publications* for more details.**

2- TEACHING SUMMARY

twenty one years of experience, after Ph.D., in teaching various topics of Computer Science and Management Information Systems. **Refer to the attached *Teaching Summary* for more details.**

3- SERVICE SUMMARY

Actively involved in a number of activities at the department, college, and university levels (some of them are on a voluntarily basis). A summary of my administrative services to Yarmouk University, Sultan Qaboos University and the University of Jordan during the past years are given in the **attached *Service Summary*.**

4- RESEARCH INTERESTS

Software Systems Development Methodologies, Software Engineering, Algorithms reengineering, Computer Networks, Software Systems Retrieval, Computer Arabization, Quality Metrics and Quality Control, database Applications, Applications of Artificial Intelligence, Computer Education and Distance Learning.

QUALIFICATIONS

DEGREE	SPECILIZATION	INSTITUTION	DURATION OF STUDY
Ph.D.	Computer Science	The University of Liverpool, United Kingdom	1983-1987
MSC.	Computer Science	The University of Quide-e-zam/Pak.	1978-1980
MSC.	Math	The University of Karachi/Pakistan.	1977-1978.
BSC.	Math	The University of Karachi/Pakistan.	1973- 1977.

HONOURS/AWARDS

- Promoted to the a full Professor rank at the University of Jordan, July, 2008.
- Promoted to the Associate Professor rank at Sultan Qaboos University in June 2001.
- Leading ranks in teaching evaluations at the University of Jordan and Sultan Qaboos University for several semesters.
- Received from Yarmouk University a scholarship award to pursue a Ph.D. degree in UK, 1984-1987.
- British Council Award, 1983-1984
- Quide-e-Azam University Award, 1978-1980

INVITED SPEAKER

International Workshops on Frontiers of Information Technology, held on Dec. 20-21, 2006 in Islamabad, Pakistan.

ACCOMPLISHMENTS:

Development directed and organized a data processing and information systems department made up of over 20 DP professionals, computer operators and data control clerks. Also had complete responsibility for the development and justification of the admission and registration system, library information system. Performed project management, analysis of requirements of the computing needs, and implementation of financial systems at the Yarmouk University. Conducted Data Processing (DP) training for division managers, and users of all level. Provided overall management and implementation of remote terminal service centers at several departments in Yarmouk University. Provided computer timesharing services to the research efforts of the Yarmouk University Staff researchers. Consulted top management of Muta'h University to establish a computer center there. Developed and implemented an integrated financial system for Yarmouk University including payroll, general ledger, times accounting and purchasing. Evaluated new computer hardware/software requirements. Acted as project leader for a major developments off and on-line systems at Yarmouk University.

Chaired the hardware and software committee at Yarmouk University (1990-1993). The committee duties are to evaluate and prepare offers and purchasing of the hardware equipment and software needed in the University. Moreover, the committee has ordered a number Sun work stations, PS2, PCs, network switches, hubs, Ethernet cards, HP 3000 machine, data shows, etc and many related software. These equipments of hardware and software are serving different departments at Yarmouk University.

EMPLOYMENT HISTORY:

DATE	LEVEL OF APPOINTMENT	NAME OF EMPLOYER
15.05.1981 - 15.06.1982	Programmer	Yarmouk University Computer Center
15.06.1982 - 5.07.1983	Instructor	Yarmouk University Computer Science Dept.
5.07.1983 - 17.09.1987	Research student	The University of Liverpool
19.09.1987 - 01.09.1993	Asst. Professor	Yarmouk University Computer Science Dept.
01.09.1990 - 01.09.1993	Director of Computer Center	Yarmouk University
01.09.1993 -01.06.2001	Asst. Professor	Sultan Qaboos University Computer Science Dept.
01.06.2001-20-09-2003	Associate Professor	Sultan Qaboos University Computer Science Dept.
21-09-2003- 21-09-2006	Associate Professor/Vice Dean of KASIT	The University of Jordan(CIS Dept).
21-09-2006-till date	Associate Professor	The University of Jordan(CIS Dept).
21-8-2007-till date	Associate Professor, Dean of KASIT	The University of Jordan

RESEARCH PUBLICATIONS

A) (JOURNAL PAPERS):

1. **Fawaz Ahmad Masoud**, Imad Khaled Salah, Obeidat Abdel-Salamt, Alaa Abu Khalil and Oqeili Saleh, " Multiple Dynamic Skip String Matching Algorithm", TO APPEAR in the *Journal of Basic Science and Engineering*, Yarmouk University, Jordan, 2008.
2. **Fawaz A. M. Masoud**, Qatawneh Mohammad, Wesam Almobaideen, Alshraideh Mohammad, Nabil Abu Hashish, Oraib Megdady, Shatha Al-Asir, and Shorouq AlAdaileh, " Interactive RPC Binding Model", accepted in the *European Journal of Scientific Research*, 2008.
3. Hani Mahmoud Mimi, Wesam Almobaideen, **Fawaz Ahmad Masoud**, and Emad Qaddoura, "Performance Evaluation of Multicast ad hoc on-demand distance vector protocol", the *Journal of Computer Communications*, 30 (1931-1041), Indexed by Thomson ISI, Elsevier publication, 2007.
4. M. Al-Towaiq, **Fawaz A. M. Masoud** , A. B. Mnaouer, and K. DAY, "An Implementation of a Parallel Iterative Algorithm For The Solution Of Large Banded System On a Cluster Of Workstations", accepted for publication in the *International Journal of Modeling and Simulation*, 2007. Indexed by; Thomson ISI, Cambridge Scientific Abstracts, Compendex (Engineering Information), FIZ Karlsruhe and INSPEC.
5. Al-Saleh M. F. and, **Fawaz A. M. Masoud**, "A note on the Posterior expected loss as a measure of accuracy in Bayesian methods", the *Journal of Applied Mathematics and Computation*, Indexed by Thomson ISI, Elsevier Scientific Inc., North Holland, 134(2003), P. 507-514, 2003.
6. Al-Wohaibi M. A., **Fawaz Ahmad Masoud**, Edwards H. M, " Fundamental Risk Factors in deploying IT/IS projects in Omani government organizations", the *Journal of Global Information Management* (Indexed by; Thomson ISI, Ulrich's International Periodicals Directory), IDEA GROUP PUBLISHING, Vol. 10, No. 4, P. 1-22, Oct-Dec., 2002.
- Mustafa S. H. And **Fawaz Ahmad Masoud**, "How Good is the Critical factor Concept in Estimating the Average Number of Character Comparisons per Item in String Sorting", the *Journal of Systems and Software*, Indexed by Thomson ISI, Elsevier Scientific Inc North-Holland, P. 221-226, 2001.
7. **Fawaz A. M. Masoud**, Said Abu Shaar, Ayman Murad and Ghassan Kanaan, "Enhanced route Re-construction method for associativity Based Routing Protocol

for Mobile AD HOC Networks., the International Journal of Computer Science, Science Publication, New York, USA, P 859-869, 2006.

8. Said Abu Shaar, **Fawaz A. M. Masoud**, Ayman Murad, Riyadh AL Shalabi and Ghassan Kanaan, "Analysis of Enhanced Associativity Based Routing Protocol", the International Journal of Computer Science, Science Publication, New York, USA, P 853-858, 2006.
9. A. B. Mnaouer, K. DAY, M. Al-Towaiq, **F. A. Masoud** , "Performance Evaluation of Database Systems Using Colored Petri Nets ", Journal for Scientific Research, Science and Technology, PP.33-46, 2003.

10. A. Al-Ayyoub, **Masoud F. A.**, "Heuristics Search Revisited", the Journal of Systems and Software, North-Holland, Vol. 55, Issue 2, PP. 103-113, December 2000.
11. Mustafa S. H. And **Masoud F. A.**, "A backward Algorithm for Lexical Analysis of Textual Arabic Words", the *Journal of Basic Science and Engineering*, Vol. 9, No. 1, Yarmouk University, P. 91-125, Jordan, 2000.
12. **Masoud F. A.**, "Applying Halstead's Metric to Oberon Language", the Journal of Science and Technology, 4(1999), P. 45-53, Sultan Qaboos University, Muscat-Oman 1999.
13. **Masoud F. A.**, and Abdelrahman AL-Thuhli, "Assembling A Rapid Application Development Method (RADM) from SASD Method and Visual Basic Programming", *Journal of institute of mathematics and computer sciences, (computer science series)*, **9(2)**, P. 51-55, December 1998.
14. **Masoud F. A.**, and Shaikh M. U., "A Comparative study of system development methods/methodologies: ETHICS, JSD, MASCOT, SADT, SASD and LSDM", *Journal of institute of mathematics and computer sciences, (computer science series)*, **6(2)**, P. 143-161, Dec. 1995.
15. Shaikh M. U., Mustafa S. H., and **Masoud F. A.**, "Formalizing the System Development Life Cycle (SDLC), An Abstract Procedural Frame Work", *Journal of institute of mathematics and computer science (computer science series)*, **6(2)**, P. 85 103, June 1995.
16. **Masoud F. A.**, and Shaikh M. U., "Program Complexity: Analysis and Design", *Journal of institute of mathematics and computer sciences, (computer science series)*, **6(2)**, P. 173-185, Dec. 1995.

B) REFEREED CONFERENCE PAPERS:

1. **Fawaz A. M. Masoud**, Amjad A. Hudaib and Ahmad Sharieh "A Suggested Framework for Producing Electronic Courses", Accepted on the IEEE 3rd International Conference on Information & Communication Technologies: From Theory to Applications ICTTA'08 Damascus, Syria April 07-April 11, 2008.
2. **Fawaz A. M. Masoud**, Dana H., and Deema H. Halabi, , "Asp.Net And Jsp Frameworks In Model View Controller Implementation", Proceedings of the

International Conference on Information & Communication Technologies: from Theory to Applications(ICTTA'06), Volume 2, 24-28 April, 2006, Omayyad Palace, Damascus, Syria.

3. **Fawaz A. M. Masoud**, Anas Hantash and Ahmad Al Omari "A Web-based Oline Registration for the Students at the University of Jordan", The Proceedings of the 4th IEEE International Multiconference on Computer Science and Information Technology(CSIT 2006), Applied Science Private University, Faculty of Computer Science and Information Technology, PP. 327-335, Amman, Jordan, April 05-07, 2006.
 4. Yahya M., A., **Fawaz A. M. Masoud.**, and Hudaib A., " The effect of Software Development Environment on Software Cost Estimation", The Proceedings of the 10th World Multi-Conference on Systematic, Cybernetics and Informatics, IIS, July 16-19, PP. 239-243, Orlando, Florida, USA, 2006.
 5. **Fawaz A. Masoud** and Moh'd Belal Al- Zoubi, " An Efficient Database System For Utilizing GIS Queries", The Proceedings of SCSS 2005, Advances in Systems, Computing Sciences and Software Engineering, Springer, P. 271-275, 2005.
 6. **Fawaz A. Masoud**, Heba_tallah Khattab, and Mahmoud AL-Karazoon, "University of Jordan Case Tool(UJ-Case-Tool for Database Reverse Engineering", International Academy of Sciences: Enformatika, Volume 9 Nov. 2005, ISBN 975-98458-8-1, Indexed in: Thomson-Gale, DEST, EEVL, EBSCO, Cambridge Scientific Abstracts (CSA), and DOAJ, PP. 28-31, Turkey, 2005.
 7. **Fawaz Ahmad M. Masoud**, SHAIKH M. U., and Osama M. A. Rababa's, "Predicting C++ Program Quality By Using Bayesian Belief Networks", The Proceedings of the International Conference on Information and Communication Technologies: From Theory to Applications, P. 1-8, ICTTA'04, 19-23 April 2004, Damascus, Syria..
 8. S. Manaseer, **F. A. Masoud**, and A. A. Sharieh, "Testing Loaded Programs Using Fault Injection Technique", The Proceedings of the International Conference on Information Technologies, Istanbul, 17-19 Dec., 2004, PP. 191-194, Turkey, 2004.
 9. **Fawaz A. Masoud**, Shihab K. And Al-Kofahi N., "Issues and Considerations for Processing Arabic Script", the proceedings of the WICS 2002, King Fahd University of Petroleum and Minerals, P. 214-223, March 17-18, 2002, Dhahran, Saudi Arabia, 2002.
 10. Khaled Day, **F. A. Masoud**, Adel Ben Mnaouer, and Mohammad Al-Towaiq, "Centralized Versus Replicated Client-Server Database Systems", the proceedings of the IASTED International Conference on Applied Informatics (AI2002), P. 295-299, February 18-21, Innsbruck, Austria, 2002.
 11. Al Khanjari Z., **FAWAZ MASOUD**, Swami K., and Hatim M. , "Plugging Software Tools in the Existing eLearning Portals ", the proceedings of the 2002 International Arab Conference on Information Technology (ACIT'2002), Qatar University, Qatar, P. 341-348, December 16th-19th, 2002.
 12. Shihab K., **Fawaz Masoud**, and Ramadhan H., "Developing a Predictive Model for Groundwater Quality Based on Bayesian Reasoning", Advances in Simulation, Systems Theory and Systems Engineering. Electrical and Computer Engineering Series, a series of reference books and textbooks, published by WSEAS Press, P. 388-393, 2002.
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13. Osama Rababah, Ray Dawson, Dr. Roger Knott and **Fawaz Masoud** "Quality Assessment of E-Commerce Websites Using Bayesian Belief Networks", The International Conference on Multidisciplinary Information Sciences and Technologies, InSciT2006, Mérida, SPAIN, October 25th-28th, 2006.
14. Osama K. Al Shara and **Masoud Fawaz. A.**, " Experience Usability Life Cycle: A project documentation methodology ", The Proceedings of the International Systems Conference, San Diego State University, USA, July 14 – 16, 2006.
15. Osama Al Shara and **Masoud F. A.**, "Technology Enabled Interdisciplinary Project Based Learning (IPBL)", The Proceedings of the International Joint Conference on Computer, Information and Systems Sciences and Engineering (IETA 2005), University of Bridgeport, USA 10-20 Dec. 2005.
16. K. DAY, M. Al-Towaiq, **Masoud F. A.** , and A. B. Mnaouer, "Comparative Performance Evaluation of Client-Server Database Systems", the proceedings of the 2003 International Arab Conference on Information Technology (ACIT'2003), Alexandria, Egypt, P.254-261, December 20th-23th, 2003.
17. SHAIKH M. U., AL-BASTAKI Y., **Masoud F. A.** AND AL-ALAWI A., "Using An Expert Systems Model In Teaching The Development Of An Information Systems to Solve The Real Life Problems", The Proceeding of the International Conference on Information Technology & Natural Science. 68- 75, ICITNS 2003, Oct. 19-21, 2003, Al-Zaytoonah University of Jordan, Amman, Jordan.
18. Mnaouer A. B., K. Day, M. Al-Towaiq, and **Masoud F. A.**, "Colored Petri Nets Based Modeling and Simulations of Replicated Database Systems", the Proceedings of the 2002 International Conference on Information and Knowledge Engineering (IKE'02), pp-606-613, Las Vegas, USA, June 24-27, 2002.
19. Al-Wohaibi M. A., **Masoud F. A.**, Edwards H. M, "A Quantitative Assessment of IT Risk Factors in Developing Countries: The Case of Oman", the proceedings of the 2002 Information Resources Management Association (IRMA) International Conference, May 19-22, 2002, Seattle, USA.
20. **Masoud F. A.**, Al Khanjari Z. A, Shehab K., Al Belushi Y., and Al Moqbali H. " Web-Based Online Registration for the Student Information System at Sultan Qaboos University", the proceeding of the 2001 Arab Conference on Information Technology (ACIT'2001), 13-15/11/2001, Jordan, P. 197-206, 2001.
21. Mohammad Al-Towaiq, Adel Ben Mnaouer, Khaled Day and **Masoud F. A.**, " A New Parallel Iterative Algorithm for Large Banded Shifted systems", the proceedings of the IASTED: International Conference on Applied Simulation and Modeling (ASM2001), September 4-7, 2001 Marbella, Spain, P. 355-358, 2001.
22. Khaled Day, Adel Ben Mnaouer, **Masoud F. A.**, and Mohammad Al-Towaiq, "A Fault Tolerant Asynchronous Data Replication Protocol", proceedings of the IASTED International Conference on Applied Informatics (AI2001), February 19-22, 2001, Innsbruck, Austria, P. 59-63, 2001.
23. Shihab K. and **Masoud F. A.**, "Coding and Sorting Considerations for Arabic Characters: An Empirical Study", the proceedings of the 2001 International Conference on Communication, Computer and Power (ICCCP'2001), Feb. 12 to 14, Muscat-Oman, P. 117-124, 2001.

24. **Masoud F. A.**, Al Khanjari Z. A, Shaikh M. U., " The Role of Software Engineering Methodologies in Reducing the failures in Software Projects", the proceeding of the 2000 Arab Conference on Information Technology (ACIT'2000), P. 39-45, October 31st to November 2nd Jordan, 2000.
25. Al-Ayyoub A. E., **Masoud F. A.** and Ramadhan H. A., "Uni-directional vs. Bi-directional Search Techniques: An Experimental Assessment", the Proceeding of the International Conference on Artificial Intelligence (AI), Las Vegas, Nevada, USA, June 28th-July 1st, 1999, Vol. I of ICAI'99, P.7-10, USA, 1999.
26. Al-Ayyoub A. E., and **Masoud F.**, "Search Quality and Effectiveness for Intelligent Systems", Proceeding of the ISCA, 8th International Conference on Intelligent Systems, Denver, Colorado, June 24-26, 1999, P. 146-149, USA, 1999.
27. A. Al-Ayyoub, **Masoud F. A.**, and S. AL-Yaqoubi, "Web-based Assessment and Maintenance for Graduation Projects", the proceeding of the Workshop on Information Technology (IT) in Higher Education, Organized and sponsored by the Association of Arab Universities and the University of Jordan, March 6-7, 1999.
28. **Masoud F. A** and AL-Rawas A., "Developing Strategic Plan for a Contemporary Teaching and Learning at Sultan Qaboos University" the proceeding of the Workshop on Information Technology (IT) in Higher Education, Organized and sponsored by the Association of Arab Universities and the University of Jordan, March 6 -7, 1999.
29. **Masoud F. A.**, "Problems Encountered When Using Jackson System Development (JSD) Methodology in Software Systems Development Process", IEEE 9th International Symposium on Software Reliability Engineering, Industrial Tracks, ISSRE'98, Paderborn, Germany, November 4-7, P. 214-222, 1998.
30. **Masoud F. A.**, "A Framework of CASE Tools and Representative Products in Systems Development Life Cycle (SDLC) Phases", Proceedings of The IEEE International Conference on Communication, Computer and Power, ICCCP'98, Sultan Qaboos University, Muscat, Oman, P. 68-73, December 7-10, 1998.
31. Shaikh M. U., **Masoud F. A.**, and Ahmad S. A-Hosni, "Software Graphical Documentation Tools: Practice, Problems and Suggested Solution", Proceedings of the third International Conference on Recent Trends in Computer Science, Applications and Information Systems, P. 93-102, Held at Philadelphia University, Amman, Jordan on 30th June –2nd July, 1998.
32. **Masoud F. A.**, Shaikh M. U., and Mustafa S. H., "SASD methodology from a practical point of view: problems and suggestions for improvement", *Proceedings of Software Quality Engineering*, P. 92-102, Udine, Italy, May 1997.

C) FUNDED RESEARCH PROJECTS

- **Dr. Fawaz A. Masoud** and et al, A suggested framework for e-learning courses, the University of Jordan, 2008. This research is supported by the Deanship of Academic Research at the University of Jordan, 2008.
- **Project code:** JEP31005-2003-2006, **Project title:** Open Learning Models and Technologies. This project is funded by TEMPUS with 500000 European EURO.

Objectives:

1. Familiarizing the consortium with Tempus program.
2. Emphasizing Tempus rules and regulation with respect to use of the grant.
3. Familiarizing the consortium with OLMT outcomes.
4. Agreeing on the list of equipment: Types, place of installation, and accessibility.
5. Preliminary agreement on the sorts of F/OSS that will be used in developing the e-Learning platform.
6. Dividing outcome production among partners.

Participants: The following representatives of consortium members:

EU Partners:

Mr. Nizar Ayadi, the grant-holder, University of Alicante, Spain
Mr. Panagiotis Katsampanis and Mrs. Sofia Spiliotopoulou, IDEC – Greece
Mr. Khalid Adib, ORT – France
Mr. Malte Sussdorff, Expert, Cognovis – Germany

Jordan Partners:

Dr. **Fawaz A. Masoud**, University of Jordan
Dr. Taleb Sarie, Branch Director, AOU – Jordan
Dr. Abdel-Elah Al-Ayyoub, Project Coordinator, AOU
Dr. Jehad Al-Sadi, AOU
Dr. Said Hammad and Dr. Arafat Awajan, Princess Sumaya University

- **Dr. Fawaz A. Masoud** and et al, Developing a Framework for Designing and Implementing a Sorting Method for Processing Arabic Script, Sultan Qaboos University, College of Science Internal Fund No. SCI/07/20003.
- **Dr. Fawaz A. Masoud** and et al, Applying Dynamic Belief Networks model on Water Quality forecasting Sultan Qaboos University, College of Science Internal Fund No. IG/SCI/01/02.
- **Dr. Fawaz A. Masoud** and et al, A pioneer High-Performance Computing Infrastructure at SQU: Set up and Applications, Sultan Qaboos University, College of Science Internal Fund No. IG/SCI/01/01.

D) UNREFEREED CONFERENCE RESEARCH PAPERS:

- **Masoud F. A.**, " The Role of Software Engineering methodologies in Reducing the Risk in Software Projects", the proceeding of the Workshop on Government Information Systems Between Success and Failure, Ministry of Palace Office, Muscat Oman, 14, Oct. 1999.
- **Masoud F. A.**, Nasr B., and Al-Khadhra J., " Yarmouk University Library Information System between Reality and Hope", the proceeding of the Workshop on Information Systems and the Twenty First Century, June, 28-30, 1993.
- Hannell M. A, **Masoud F. A.**, Shaikh M. U., "Fundamental Issues in Arab World Computer Education". Proceeding of Yarmouk University Conference on Computer Science, Jordan, 1985.

E) RESEARCH PAPERS UNDER PREPARATION:

- **Masoud F. A.**, "*Formalising Jackson System Development Methodology*",
- **Masoud F. A.**, "The Critical choice of client server architecture: A case study of SIS at UJ.

F) BOOKS

- The Application of Information Technology in Education. Edited by **Fawaz A. Masoud** and others, 2008.
-
- "Data structure and file management", AL-Qudus Open University, 1993, Edited by **Masoud F. A.** and others.
- I have refereed many books and articles in Systems Analysis and Design, Software Engineering, Distance Learning and AI.

G) TECHNICAL REPORTS:

- **Masoud F. A.** "*the Design Issues of the Students Information Systems in Yarmouk University*", **CIC01/90.**
- **Masoud F. A.** "*the Data Security of the Computer and Information Center at Yarmouk University*", **CIC02/90.**
- **Masoud F. A.** "*the Security Level which should be imposed on the Library Information Systems in Yarmouk University*", **CIC03/91.**
- **Masoud F. A.** "*the SDLC of the Information Systems in Yarmouk University*", **CIC04/91.**
- **Masoud F. A.** and Musameh A., "*Design and Implementation of the Inventory Stock Control System in the Inventory Department at Yarmouk University*", **CIC05/91.**
- **Masoud F. A.** and Batayneh N. "*the Problems encountered in applying students affairs computer systems at Yarmouk University*", **CIC06/92.**
- **Masoud F. A.** and Al-Khadra J., "*the Automation of the Scholarship system in the Personnel Department at Yarmouk University*", **CIC07/93.**

TEACHING SUMMARY

Twenty one years experience in teaching various topics in Computer Science, including:

- Software Engineering,
- Systems Development and CASE Tools.
- Systems Analysis,
- Programming Languages including Visual Basic, C, C++ and Java,

- Database Management Systems,
- Advanced Database Applications, Design, Development and Management,
- Object Oriented Analysis, Design and Development using CASE tools,
- Internet Programming and Development (Java Scripting HTML and VB Script),
- File Processing,
- System Development Methods,
- Operating System,
- Networks
- AI applications
- Computer Programming using C, PASCAL, VISUAL BASIC, ACCESS DBASE,
- Principles of Algorithms and Data Structures,
- Digital Logic Design
- Int. to Personal Computers and Applications for Medical students,
- Int. to Personal Computers and its Applications in Arabic,
- Introduction to computer in Business,
- Introduction to Personal Computers and Packages,
- Business Mathematics II,
- Advanced Skills in Computer.

During the last three years at the University of Jordan and for the last 10 years at Sultan Qaboos University, I have been involved in teaching, research, curriculum development, and administrative duties. In this period of time, I have taught, advised and supervised about 5000 students in various Computer Science courses. I have coordinated many big sections: Comp 1902101(2200 students), Comp100 (300 students), Comp1200 (175 students), comp 2010 (150 students) and Comp2313 (64 students) many times. Always my teaching evaluation is very good. In a recent evaluation form, I have been rated among the top 2.3% in the College of Science. At Yarmouk University, I have taught and supervised more than 7000(seven) thousands students from the period 1987-1993. At the University of Jordan, I have taught and supervised more than 3000(three thousands) students from the period 2003-2008.

SERVICE SUMMARY and PROFESSIONAL WORK EXPERIENCE:

Twenty one years of professional computer science work out of which three years were spent performing management duties of a major data processing of computer and information center dealing with management information system (MIS), database administration and real time systems. Also, eighteen years performing system analysis, system design feasibility studies, program development, system testing, user training, system documentation, and computer science teaching.

Computer used:	Silicon Graphics PCs Workstations, Pentium PCs, LAN PCs Lab, VAX 6000/410, VAX 3500, VAX 11/780, and WANG 7010.
Operating systems:	WINDOWS (95, 98, NT, 2000, XP), DOS, VMS and UNIX.
Prog/Languages:	C++, PASCAL, JAVA, and Visual BASIC.

DBMS Systems:

ACCESS, and ORACLE.

DEPARTMENTAL ACTIVITIES AT THE UNIVERSITY OF JORDAN

- Member of the Graduate Studies Committee at CIS Department 2004-2007.
- Supervising many BSc. projects.
- Supervising many MSC Thesis.
- Teaching many computer science courses for undergraduate and graduate students.

COLLEGE ACTIVITIES AT THE UNIVERSITY OF JORDAN

- Dean of the King Abdullah II School of Information Technology, 2007-Date.
- Deputy Dean of the King Abdullah II School of Information Technology, 2003-2006.
- Acting Dean of the King Abdullah II School of Information Technology, 25-7-04-1-9-04.
- Promotion and Appointment Committee Member, KASIT, 2003-2004, 2004-2005., 2005-2007.
- Graduate Studies Committee Coordinator, KASIT, 2003-2004, 2004-2005, 2005-2007.
- Curriculum Committee Coordinator, KASIT, 2003-2004, 2004-2005, 2005-2006.
- Equipment Committee Coordinator, KASIT, 2003-2004, 2004-2005, 2005-2006.
- Courses Equivalent Committee Coordinator, KASIT, 2003-2004, 2004-2005.
- Examination Committee Coordinator, KASIT, 2003-2004, 2004-2005.
- College Equipment Committee Coordinator, KASIT, 2003-2004, 2004-2005.

UNIVERSITY ACTIVITIES AT THE UNIVERSITY OF JORDAN

- Teaching Information and Communication Technology in Education that is sponsored by Ministry of Education in Jordan, the University of Jordan and AL Faisal International Academy.
- Member of Technical Committee of the International Arab Journal of Information Technology (IAJIT), 2003-Date.
- Member of the accreditation Committee of the Philadelphia private University in Jordan. 2003-2005.
- Member of the accreditation Committee of the private University of Applied Science in Jordan. 2003-2005.
- Member of the accreditation Committee of Petra private University in Jordan. 2005-2006.
- Member of the accreditation Committee of AL-zaytoonah private University in Jordan. 2005-2006.
- TEMPUS, JEP-31005-2003 Project representative of the University of Jordan, 2003-Date.
- One of the Participants who developed the syllabus of the graduate study program at the University of Jordan for CIS Department.
- TEMPUS Certificate, Training of Trainer, KASIT representative of the University of Jordan, 28-6-2005 to 1-7-2005.

DEPARTMENTAL ACTIVITIES AT SQU

- Member of the Social Committee, Department of Math and Computing, 1993-1994.
- Publicity Officer, Department of Math and Computing, 1994-1995.
- Member of the Social Committee, Department of Computer Science, 1995-1996.

- Projects Coordinator, 1995-1996.
- Safety Officer for the Department of Computer Science, 1996-1998.
- Comp2200 Coordinator for about 200 students, 1996.
- Computer Resources Committee Member, Department of Computer Science, 1996 & 1998.
- Comp1100 Coordinator for about 300 students 1997.
- Comp1200 Coordinator 1998 and 1999.
- Department Appointment Committee 1996, 1997, 1998 and 1999.
- Member of the Social Committee, 1997-1998.
- Coordinator of the Social Committee, 1998-1999. I have arranged many social trips to the final year students and some of the staff in Computer Science Department to many places in Oman and one scientific trip for Computer Science Students to attend the Exhibition of GITEX at Dubai for one day on 29 October 1998.
- Acting Head of the Computer Science Department, July 21 to August 15, 1999.
- Coordinator of the Social Committee, Department of Computer Science, 2000-2001.
- Appointment Committee, Department of Computer Science, 2002-2003.
- Comp2010 (computer advanced skills) Coordinator for about 150 students 2003.
- Technical committee member, Proceedings of the annual Intl. Conf. On I.T. (ACIT).
- Supervising two PhD students in cooperation with the University of Sunderland and Loughborough.

COLLEGE OF SCIENCE ACTIVITIES AT SQU

- Science-Education College Coordinator for the Department of Computer Science, 1995/1996, 1996/1997, 1997/1998 and 1998/1999.
- External/Social Affairs: College of Science Coordinator for the Department of Computer Science, 1998/1999.
- College representative of research committee, 1998/1999, 1999/2000 and 2000/2001.
- College of Science board member (representative of Computer Science Department), 1999/2000.
- Masoud F. A. and Al Khanjari Z. A, have coordinated a work shop on how to prepare an exercise book and solution for the three introductory courses of computer science for the teachers' College in Oman, the work shop held between 1-2 January, 2001 in the Department of Computer Science, College of Science, SQU, Oman.
- College of Science board member (representative of Computer Science Department), 2002-2003.

UNIVERSITY ACTIVITIES AT SULTAN QABOOS UNIVERSITY

- One of the Participants who developed the syllabus of the graduate study program at the University of Jordan, Jordan and Sultan Qaboos University, Oman
- Member of the technical committee of the 2000 Arab Conference on Information Technology (ACIT'2000) that is held on October 24-26, 2000.
- Member of the technical committee of the 2001 International Arab Conference on Information Technology (ACIT'2001), that is going to be held on November 13th - 15th, 2001, Jordan University of Science and Technology.

- Member of the technical committee of the 2002 International Arab Conference on Information Technology (ACIT'2002), that is held on Dec. 16th -19th, 2002, Qatar University.
- I have started on January 1999, to supervise partially one Omani student (Mohamed Ali AL Wohaibi) who is doing his Ph.D. at Sunderland University in England.
- Program Development and Technical Committee Member for Designing and Implementing a National Diploma in Computer and Information Systems at Sultan Qaboos University, 1999.
- Participated in the Interviewing of 156 candidates whom applied for admission at Sultan Qaboos University to get a National Diploma in Computer and Information Systems. The Interview held on 11th to 13th of July 1999.
- Member of the Screening Committee to select 100 applicants out of 156 for admission in National Diploma in Computer and Information Systems at Sultan Qaboos University, 1999.
- Member of the Information Technical Curriculum Preparation Committee, Ministry of Education, Oman 1999/2000.
- Coordinator of the Workshop of the Computer Science Teaching in the Teachers' Colleges in Oman held on 22-23/1/2000.
- Coordinator of the Workshop of the Computer Science Teaching in the Teachers' Colleges in Oman held on 1-2/1/2001.
- Served in the following SQU College of science committees: College Board, Strategic Planning, and External Relations.

INTERNATIONAL PROFESSIONAL SOCIETIES

- **ACM.**
- **IEEE** Computer Society.
- **ISCA** (International Society for Computers and Their Applications).
- **Member of the International Who's Who for Professionals.**
- **JCS.**

ADMINISTRATIVE POSTS AT YARMOUK UNIVERSITY:

- Director of Computer and Information Center at Yarmouk University, Irbid, Jordan from 1-9-90 to 1-9-93.
- Acting Head for Computer Science Department at Yarmouk University many times.
- Chairman of the Board, Computer and Information Center, Yarmouk University, Irbid, Jordan from 1-9-90 to 1-9-93.
- Member of the Technical and Evaluation Committee for Tendering Computers for Yarmouk University, Irbid, Jordan from 1-9-90 to 1-9-93.
- Member of the Yarmouk University Housing Committee, Jordan from 1-9-90 to 1-9-93.

MSC. EXTERNAL EXAMINER

- The effect of Using Web Course Tools (WebCT) on the achievement and motivation of postgraduate students at Sultan Qaboos University.
- Investigation the Usefulness of Applying SSADM Methodology and System Life Cycle to Develop RAOPIs. College of Engineering, Sultan Qaboos University.

FINAL YEAR STUDENTS' PROJECTS INTERNAL EXAMINER

- Share management system. Exam held on Monday, June 6, 1994.
- Resource management information systems for director general services, ministry of health, Oman. Exam held on Wednesday, June 7, 1995.
- Oman Virtual Zoo, 2000.
- Constructing a Web-site and Reengineering of the Training and Staff Development System, SQU, May, 20001
- A structured approach applied to Arabic Number Recognition, SQU, May, 20001.
- Design and building a web sit for casualty Department SQU, May, 20002.

FINAL YEAR STUDENTS (PROJECTS' SUPERVISOR)

- Student Information System in Muscat Technical Industrial College, SQU, Oman, May 1997
- Program Inquiry Office System for the computer center at Sultan Qaboos University, SQU, Oman, and May 1997.
- Oman National Insurance Company System, SQU, Oman, May 1998.
- ATM machines networking software, SQU, Oman, May 1998.
- Reverse engineering for the Appointment software system at HSQU, Oman, May 1999.
- Dynamic Web Format Documentation for students Information Systems at Sultan Qaboos University, SQU, Oman, May 2000.
- Micro Oil Refinery Process WEB Pages, SQU, Oman, May 2000.
- Constructing a Web Site for contemporary learning of Software Packages course (Comp 1200), for the undergraduate students as Sultan Qaboos University, Oman, May 2001.
- Reengineering of the personnel software system at HSQU, Oman, May 2001.
- Developing an Information system for managing the female student's hostel at SQU, May 2002.
- Developing a library Information System using the unified modeling language at the Ministry of Place, Oman, July 2002.
- Developing an Information System for SQU staff club using Oracle database, May 2003.
- Predicting Software Quality using Bayesian Belief Networks May 2003.

SEMINARS and TRAINING GIVEN

- Data Protection and Security, Department of Math and Computing, Sultan Qaboos University, Muscat-Oman, 1994.
- One-Day Training Course given to the 2nd year students of DOMAC on 17th Jan. 1995.

- SASD methodology from a practical point of view: problems and suggestions for improvement, Department of Computer Science, Sultan Qaboos University, Muscat-Oman, 1997.
- Using CASE tools In Software System Development Process, Department of Computer Science, Sultan Qaboos University, and Muscat-Oman, 1998.
- Invited Speaker for the International Conference on Recent Trends in Computer Science, Applications and Information Systems, Held at Philadelphia University on 30th June –2nd July 1998.
- A lecture on Systems Analysis and Computer Systems Design given to Nizwa Teachers' College October 28,1997.
- The Role of Software Engineering methodologies in Reducing the Risk in Software Projects, Ministry of Palace Office, Muscat Oman, 14, Oct. 1999.
- Internet and Source of Information, Students Science Week 2000, Sultan Qaboos University, College of Science, March 12, 2000.
- Problems encountered in Managing software risks, Department of Computer Science, Sultan Qaboos University, Muscat-Oman, April 9, 2000.
- The role of Software of Engineering Methodologies in reducing Failures in Software Projects, CS Department, SQU, 15, Nov., 2000.
- Millennium of Science, Science week (17-21 February), SQU, 2001
- Issues and Considerations for Processing Arabic Script, April 3, 2002, Sultan Qaboos University.
- Predicting Software Quality Using Bayesian Belief Network, April 30, 2003, Sultan Qaboos University.

CONFERENCES

- Third International workshop on Software Specification and Design, August 26-27, 1985, Gloucester Hotel. London, U.K.
- 8th International Conference on Software Engineering. August 28-30, 1985 Imperial College, London, UK.
- Software Engineering 85 held at Southampton University, from 10-12 September 1985.
- Vector and Parallel Processor in Computational Science 3 Liverpool, U.K. 1987.
- Information technology and application, May 25-31, 1991 higher institute for applied science and technology, Damascus, Syria.
- An International Conference on Software Quality Engineering, Udine, Italy, May 1997.
- The Third International Conference on Recent Trends in Computer Science, Applications and Information Systems, Held at Philadelphia University on 30th June –2nd July 1998.
- The IEEE Ninth International Symposium and Workshop on Software Reliability Engineering, Paderborn, Germany, November 4-7, 1998.
- The IEEE International Conference on Communication, Computer and Power, ICCCP'98, Sultan Qaboos University, Muscat, Oman, December 7-10, 1998.
- Workshop on Information Technology in Higher Education, Organized by: The Association of Arab Universities and the University of Jordan, Amman-Jordan, April 10-11, 1999.

- Workshop on Government Information Systems between Success and Failure, Ministry of Palace Office, Muscat Oman, 14, Oct. 1999.
- The IEEE International Conference on Communication, Computer and Power, ICCCP'01, Sultan Qaboos University, Muscat, Oman, February 12-14, 2001.
- The International Arab Conference on Information Technology (ACIT'2000), Zarka Private University, October 31st to November 2nd, Jordan, 2000.
- The International Arab Conference on Information Technology (ACIT'2001), Jordan University of Science and Technology, 13/11/2001-15/11/2001, Jordan, 2001.
- The Workshop of Internet Computing Systems (WICS 2002), King Fahd University of Petroleum and Minerals, March 17-18, 2002, Dhahran, Saudi Arabia,
- The IASTED International Conference on Applied Informatics (AI2001), February 18-21, 2002, Innsbruck, Austria.
- WSEAS International Conference on Multimedia, Internet and Video Technologies (ICOMIV, 2002), Modeling and Optimization (ICOSMO 2002) and Signal Speech and Image Processing (ICOSSIP 2002), Skiathos, Greece, Sept. 25-28, 2002.
- The International Arab Conference on Information Technology (ACIT'2002), Qatar University, 16/11/2002-19/11/2002, Qatar, 2002.
- International Conference on Simulation, Modeling and Optimization, September, 25-28, 2002, Skiathos Island, Greece.
- The International Conference on Information Technology & Natural Science. 68- 75, ICITNS 2003, Oct. 19-21, 2003, Al-Zaytoonah University of Jordan, Amman, Jordan.
- The International Conference on Information and Communication Technologies: From Theory to Applications, ICTTA'04, 19-23 April 2004, Damascus, Syria.
- The International Conference on Information Technologies, Istanbul, 17-19 Dec., 2004, Turkey, 2004.
- The International Conference on Information Technologies, ESSE 2005, Istanbul, 25-27 Nov., 2005, Turkey, 2005.
- The International Arab Conference on Information Technology (ACIT'2005), ALIsra Private University, 6th to 8th December, Amman- Jordan,2005.
- The Middle East Education Market ACADEMIA LEBANON® 2006 The 6th International Convention on Higher Education & Training 23 – 25 February 2006 Intercontinental Phoenicia Hotel – Beirut.
- The 4th International Multiconference on Computer Science and Information Technology CSIT 2006(CSIT 2006), April 5th-7th, Amman-Jordan, 2006.
- The Fourth Annual Conference of Learning International Networks Consortium (LINC), Technology-Enabled Education: A Catalyst for Positive Change, October 28-30, 2007, Amman, Jordan.

GRADUATE STUDIES

- Co-supervisor for two Ph.D. students at Bradford University and Loughborough University, UK.

- The main supervisor for a master thesis of Mr. Saher AL manaseer.
- The main supervisor for a master thesis of Mr. Majid AL Yahya
- I have taught Comp 6014 (Advanced Database Systems) for Post-Graduate students at SQU.
- I have taught the following courses for Post-Graduate students at the University of Jordan:
 - 1901749(Software Engineering)
 - 1902723(Database Systems)
 - 1902763(Database Management Systems)

REFEREES

1. Prof. Dr. Khalid Day, Head of the Department of Computer Science, Sultan Qaboos University, Muscat, OMAN, email: kday@squ.edu.om.
2. Prof. Dr. Mohammed Towaiq, A Professor, Department of Computer Science at Jordan University of Science and Technology, Irbid, Jordan, Email: towaiq@ju.edu.om.
3. Prof. Dr. Munib Qutaishat, Full Professor, Department of Computer Information Systems, University of Petra, Vice President for accreditation and Quality Assurance, Amman-Jordan. Email: mac@ju.edu.jo.

PERSONAL INFORMATION

Full Name: Fawaz Ahmad M. MASOUD AL Zaghoul

Marital Status: Married

Nationality: Jordanian

Languages: Native Arabic
Second English (written and spoken)

Memberships: ACM, IEEE Computer Society, ISCA, and JCS.

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