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Emad Al-Shawakfa, PhD
Faculty of Information Technology and
Computer Sciences
Yarmouk University,
Irbid 211-63, Jordan



- EDUCATION**
- **Ph.D. Computer Science**, Illinois Institute of Technology, USA, May 2000.
 - **M.S. Computer Engineering**, Middle East Technical University-Turkey, May 1989
 - **B.S. Computer Science**, Yarmouk University, Jordan, June 1986.

- Useful Links**
- Google Scholar: <https://scholar.google.com/citations?user=lyKC1lgAAAAJ&hl=ar>
 - LinkedIn: <https://www.linkedin.com/in/emad-al-shawakfa-04a7941b/>
 - Scopus: <https://www.scopus.com/authid/detail.uri?authorId=6506375842>
 - ORCID: orcid.org/0000-0002-4988-5060

WORK EXPERIENCE

Jordan University of Science and Technology/Assoc. Prof. CS Department, Faculty of Computers and Information Technology: Sep 2019-Present.

- Second Sabbatical leave from Yarmouk University.
- Teaching Computer Networks
- Teaching Computer Programming in C++.

Yarmouk University/Assoc. Prof. CIS department, Faculty of IT May 2013-Present.

- Advisor of many Graduate Students – thesis track in the CIS department of the faculty of IT at Yarmouk University.
- Co-Advisor for three PhD students at the department of Social Sciences in the college of Education YU.
- Advisor and co-Advisor of many thesis track students at the department of Educational Technology, Faculty of Education YU.
- Advisor and co-advisor of many thesis track students at the departments of Business Administration.
- Advisor of 50 + Graduate Students on Graduate research projects in the CIS department of the faculty of IT at Yarmouk University.
- Evaluated promotion applications from Assistant Professor to Associate Professor rank for two faculty members at the University of Jerash - Jordan.
- Evaluated the application for employment for an Assistant Professor position at the University of Damascus – Syria.
- Evaluated many M.Sc thesis for validity and preparedness for defense for students in Delmon University – Kingdom of Bahrain.
- Evaluated a M.Sc thesis for validity and preparedness for defense for a student in Aal – Ul – Bayt University – Jordan.
- Moderator of the Study plan and Examinations committee – Faculty level.
- Chair of Study plan and Examinations committee – Department level.
- Member of the Quality Control Committee – Department level.
- Taught Database Design for the CS, CIS, and MIS Graduate Program students
- Taught Network Analysis Courses for the graduate program students in the CIS department, YU.

- Taught Building Systems using 4GL's using Oracle 10g for the undergraduate program students.
- Taught Introduction to Information Technology for the undergraduate program students.
- Taught and supervised Graduate Project students for the undergraduate program.
- Thesis discussion committee member for graduate students at the university level.
- Member of the Department Graduate Studies Committee.
- Member of Thesis defense committees for students in the IT and BA faculties..
- Student Academic advisor for the 2016 students.
- Supervised and coordinated many BSc projects in CIS department.

Yarmouk University/Chair CIS department, Faculty of IT Sept. 2015-Sept. 2016

- Performed the duties of the Head of the Department.
- Chair of many academic committees.
- Chair of the Department Graduate Studies Committee.
- Chair of the Department Study Plan Committee.
- Headed many committees on establishing and revising the new CIS B.Sc study plan according to the Jordanian accreditation standards; study plan became a blueprint for other departments of the university.
- Member of the Faculty Strategic Plan Committee.
- Member of the Faculty Promotion and Employment Committee.
- Member of the Faculty Graduate Studies Committee.
- Member of the Faculty Budget Committee.
- Member of many of the Faculty level committees.
- Prepared the course schedule for the academic year.
- Taught many graduate and undergraduate courses.
- Supervised many graduate project and thesis students.

Jadara University/Associate Professor, Faculty of IT&Science Sept. 2014-Sept. 2015.

- Spend the Sabbatical leave at Jadara University, department of Computer Networks.
- Member of the department of Computer Networks council.
- Member of the faculty council.
- Member of many of the Faculty level committees.
- Taught Project Management, Programming, Network Administration, and Oracle development for different college students in the undergraduate programs (CS, CE, SE, and CN).
- Participated in sketching the first draft for the graduate Master program in CS.
- Supervised and coordinated many BSc projects in different departments.

Yarmouk University/Chair CIS department, Faculty of IT Sept. 2013-Sept. 2014.

- Performed the duties of the Head of the Department
- Head of many academic committees.
- Head of the Graduate Studies Committee.
- Member of many of the Faculty level committees.
- Prepare the course schedule for the academic year.
- A committee member at the faculty level in establishing new programs of study in the faculty of IT such as Health Information Systems (M.Sc), Software Engineering (B.Sc & M.Sc), Information Science and Management (B.Sc), Computer Networks (B.Sc & M.Sc), and a Higher Professional Diploma in E-Learning.

Yarmouk University/Asst. Prof. CIS department, Faculty of IT Sep. 2009-May 2013.

- Member of the Department Graduate Studies Committee.
- Member of the University Graduate Studies Committee.
- Chair of the Study Plan Committee.
- Advisor of many Graduate Students on Graduate research projects in both the CS and CIS departments of the faculty of IT at Yarmouk University.
- Taught Network Analysis and Design for the CIS Graduate Program students both

- regular and special track.
- Taught Database Design for the CS, CIS, and MIS Graduate Program students for both regular and special track.
- Taught Networking Courses for the Undergraduate program students.
- Taught Building Systems using 4GL's using Oracle 10g for the undergraduate program students.

Yarmouk University/Chair, CS Department, Faculty of IT, Sep. 2009-Sep. 2010.

- Performed the duties of the Head of the Department
- Head of many academic committees.
- Head of the Graduate Studies Committee.
- Head of the Faculty Interrogation Committee.
- Member of many of the Faculty level committees.
- Prepare the course schedule for the academic year.
- Continued to be the advisor of the Microsoft .Net Club (Managed, and under my supervision, to have a project to win the 1st prize in the Microsoft Local Customization competition in comparison with 10+ different Jordanian universities).
- Prepared and coordinated with the Study Plan Committee the MSc Program Study plan proposal for the Thesis track at the CS department.

University of Bahrain, Asst. Prof. Applied Studies College, Sep. 2006-Sep. 2009

- Head of the Academic Committee at the College of Applied Studies.
- Head of the Academic Committee at the IT and Business Programme
- Member of the Consulting Council of the University of Bahrain Accreditation and Evaluation Center.
- Coordinator of the Computer Networks Programme.
- Head of the Study Plan Committee for the Computer Networks Programme.
- Member of many academic committees at the college level.
- Taught many undergraduate courses in the Computer Networks Programme.
- Prepared a Specialized as well as a General reviewed Study plan for the Computer Networks Programme which still awaits approval.
- Compiled the College of Applied Studies Bulletin in English.
- Translated and finalized the College Bulletin with Course Descriptions to Arabic.
- Advisor of 200+ students of the Computer Networks Specialization.
- Recommended and adapted text books for the Computer Networks Program.

Yarmouk University/Chair, CIS Department, Faculty of IT, Sep. 2005-Sep. 2006.

- Performed the duties of the Head of the Department.
- Head of many academic committees.
- Head of the Graduate Studies Committee.
- Member of many of the Faculty level committees.
- Prepare the course schedule for the academic year.
- Continued to be the advisor of the Microsoft .Net Club (Managed, and under my supervision, to have a project to win the 1st prize in the Microsoft Local Customization competition in comparison with 10+ different Jordanian universities).
- Member of the University Council.

Yarmouk University/Assistant Dean, Faculty of IT, Sep. 2004-Sep. 2005.

- Performed the duties of the Dean on many occasions.
- Performed all the duties of the Vice Dean of the faculty of IT as there was none of existence at the time.
- Participated in the University Dean's Council meetings on many occasions.
- Member of many Faculty committees.
- Prepared and coordinated the Faculty Budget with the Faculty of IT Academic Departments.
- Looked up Course Schedule and Faculty Teaching loads.

- Coordinator of On-line Exams.
- Preparation of different Faculty of IT Projects.
- Advisor of the Microsoft .Net Club.
- Supervisor for the Local and International Committees for Microsoft Local and International Competitions.
- Prepared many faculty level projects such as the e-solutions and web services lab project.
- Participated as a Judge for the ImagineCup 2005 Microsoft Competition.

Yarmouk University/Assistant Professor, September 2000-September 2006.

- Co-Advisor for many Master Thesis students in Educational Technology at the Faculty of Education.
- Member of the Testing Committees for many Master Thesis at the Faculty of Education at YU as well as the Faculty of IT at Aal AlBayt and JUST Universities.
- Advised 20+ Graduate Students on Graduate research projects in both the CS and CIS departments of the faculty of IT at Yarmouk University.
- Taught Network Analysis and Design for the CIS Graduate Program.
- Taught and prepared the curriculum for the Multimedia Course as well as the Multimedia Lab course for the undergraduate program.
- Established the Multimedia Laboratory at the faculty of IT for an estimated cost of US\$90k.
- Prepared the Electronic Solutions Laboratory project at the Faculty of IT (estimated cost of JD 80,000). Project was approved by the World Bank for a cost of (JD 150,000) and establishment was halted due to my unpaid leave and no follow up by the faculty administrators.
- Supervised the development of many Multimedia based Projects; like 3D Virtual Reality of the Faculty of IT, Jordan Heritage, Computer Games, etc.
- Member of the Committee who prepared the ICT curriculum for grades 1 through 10th at the Model School of Yarmouk University.
- Member of the Authoring committee for the ICT books for Grades 1 through 6th at the Yarmouk University Model School.
- Taught Computer Applications Development for the Joint Master Program with the University of Sunderland.
- Taught Database Organization and Design courses to graduate and undergraduate students.
- Taught multiple programming language courses like C++ and C#.
- Taught building systems using 4GL and Oracle Programming.
- Taught Data Structures.
- Taught Data Communication and Networking Courses to CS graduate and undergraduate students.
- Supervised and coordinated, in a team, the instruction of CS100 Computer Skills-2 compulsory course.
- Supervised 400+ students for the undergraduate college.
- Headed the Program of Study committee who established and designed the new programs of study at the Faculty of IT.
- Member of multiple academic committees.
- Member of the committee for the ICDL World Bank project to educate the MOE teachers in different aspects of Information Technology.
- Supervised many student projects on Client/Server programming using Oracle as well as Web Based access of Oracle Database using Oracle Applications Server 9i.
- Program coordinator for the Oracle Academic Initiative (OAI) at the Faculty of IT.
- Program coordinator for the Microsoft Developer Network Academic Alliance (MSDNAA) program at the Faculty of IT.
- Worked in a team to establish the Parallel Computing Center funded by the World Bank for US\$190k.
- Member of the Electronic Solutions Development Unit at Yarmouk University
- Conducted many seminars on web-based instruction, test banks, and on-line education to faculty members and staff in collaboration with the Faculty Development Center at YU.

Robert Morris College – Chicago, USA/Full-Time Faculty, July 99-August 2000.

- Taught Management Information Systems.
- Taught LAN Setup and Administration with Windows NT 4.0 and Novell 5.0 & Novell 5.1 Network Operating Systems.
- Taught Oracle Database Administration on Windows NT.
- Taught MS-Office products.
- Taught Web page design using HTML.
- Conducted many seminars on web-based instruction and on-line education to part-time faculty and staff.
- Participated in the study to establish on-line education and delivery of material over the web using on-line education packages like WebCT and Premethius.
- Supervised 10+ internship students with different US governmental departments.

Illinois Institute of Technology – Chicago, USA /Part-Time Faculty. 1/99-12/99.

- Taught Database Administration Courses for the Graduate program with Live TV Broadcast to six campuses.
- Taught Discrete Structures course for the undergraduate program.

Illinois Institute of Technology – Chicago, USA /Lab Manager. 06/96-05/99

- Managed IIT Computing and Network Services computing laboratories to support an approximately 6,500+ students, faculty, and staff.
- Managed and trained a staff of 100+ PC Lab consultants.
- Used Ghost software to roll out Windows NT workstation throughout the lab.
- Worked in a team to install, manage, and monitor Novell 4.11 servers.
- Worked in a team to design and install Local Area Networks for new labs.
- Scheduled classes and conducted different seminars in different labs.
- Webmaster; created and maintained PC Labs web pages @IIT and Jordanians @IIT web page.

Robert Morris College – Chicago, USA /Part-Time Faculty. 11/97-2/99

- Taught Novell 3.12, Novell 4.11, and Novell 5.1 Administration.
- Taught Windows NT 4.0 Administration.
- Taught Oracle Database Administration on Windows NT.

Illinois Institute of Technology – Chicago, USA /PC Consultant. 01/95-06/96

- Worked with Novell 3.12, Novell 4.11, Novell 5.0, Win9x, WinNT, and MacOS environments to provide support to the users of Computing and Network Services laboratories.
- Troubleshoot different hardware and software problems with PC's, Power Macs, SGI workstations, X-Terminals, and HP LaserJet printers.

Applied Science University (ASU) Amman-Jordan /Full time lecturer, 10/91-08/94

- Coordinated and taught different computer science courses in the undergraduate program.
- Participated in different committees for setting up specifications and establishing different computing laboratories.
- Participated in a committee to establish and achieve the Ministry of Higher Education Subject accreditation for the CS program.

Business Systems Incorporated/Analyst Programmer, Sharjah-UAE. 02/90-10/91

- Worked in a team to analyze, develop, and maintain bilingual software packages implemented in Ingres 5.0 or Oracle 5.17.
- Managed the Arabic Software Division.

Computer Skills

- Operating Systems: Unix, Irix 5.3, Irix 6.2, VMS, Windows 3.1, Windows9x, Windows NT 4.0, Windows 2000, Windows XP, Windows Vista, Windows 2000, Windows 2003 Server, Windows 7, MacOS 7.5 and MacOS 8.0
- Programming Languages: Oracle 5.17, Oracle 8.0, 8.0i, Oracle 9i, and Oracle 10g, Ingres 5.0, PC-Scheme, Clips, C/C++, Visual C++, Visual Studio.Net, C#.Net, ASP.Net, HTML, DHTML, VBA, as well as many others.
- Software Packages: MS-Office, Macromedia Flash 5.0, MX, and 2004, Macromedia Authorware, and many other packages.
- Machines: NCR, Bull DPS 2/200, 2/300, and 2000 Series, Encore, SGI Challenge, X-Terminals, IBM PC's and Compatibles, Power Macs, and IMacs.

Relative Skills

- Very good working knowledge of creating and maintaining web pages, including but not limited to Interactive images, Frames, Forms, etc. and was one of the first students to establish a web page while in the PhD program in the late 1994.
- Have a personal web page located at <http://faculty.yu.edu.jo/shawakfa>.
- Some working knowledge of Microsoft FrontPage, and Macromedia products such as Macromedia Flash, Authorware, and Director.

Certification

- ICDL Certified Tester.
- CISCO Academic Instructor Certification (CCAI): In Progress.(finished Semesters 1&2)
- Ready; if time allows, on becoming an Oracle Certified Professional (OCP) as well as Microsoft Certified Professional (MCP) at any time.

Publications

Journals &

Conference Papers

1. **Al-Shawakfa E.** and Evens M.1999. Bilingual dialogs with a network Operating System. In *Proceedings of Midwest Artificial Intelligence and Cognitive Science Conference 99*, Bloomington, IN: AAAI Press pp. 7-12.
2. **Al-Shawakfa E.** and Evens M.2001. The Dialoguer: an Interactive Bilingual Interface to a Network Operating System. **Expert Systems, The International Journal of Knowledge Engineering**, Vol. 18, No. 3, July 2001, pp 131-149.
3. **Al-Shawakfa E.** and Abu-Baker A., A Simulation Study on Bluetooth Ad Hoc Networks, **Abhath Al-Yarmouk: "Basic Science and Engineering Journal"**, Vol. 14, No. 2, 2005, pp:323-335.
4. Al-Radaideh Q., **Al-Shawakfa E.**, and Al-Najjar M., Mining Student Data Using Decision Trees, In *Proceedings of the 2006 International Arab Conference on Information Technology (ACIT2006)*, Dec. 2006, Irbid-Jordan.
5. **Al-Shawakfa E.** and Al Zamil M., Optimizing STRIPS Algorithm using AI Planning, **Abhath Al-Yarmouk: "Basic Science and Engineering Journal"**, Vol. 17, No. 1C, 2008, pp: 333-352.
6. **Al-Shawakfa E.** and Hawwash A. (2010). CISCONF: A Tool for the Automatic Configuration of Cisco Routers. "**Abhath Al-Yarmouk: Basic Science and Engineering**", Vol. 19, No. 1, pp. 107-136.
7. **Al-Shawakfa E.**, Al-Badarneh A., Shatnawi S., Al-Rabab'ah K., and Bani-Ismael B., 2010. A Comparison Study of Some Arabic Root Finding Algorithms, **Journal of The American Society for Information Science and Technology**, Vol. 61, Issue 5, pp: 1015-1024.
8. Qasem Al-Radaideh, **Emad Al-Shawakfa**, Abdullah Ghareb, and Hani Abu Salem 2010. An Approach for Arabic Text Categorization using Association Rule Mining, **International Journal of Computer Processing of Oriental Languages (IJCPOL)**, Vol. 23, No. 1, pp. 81-106, World Scientific Publishing, World Scientific Publishing.
9. Al-Radaideh Q., AlEroud A., and **Al-Shawakfa E.**, (2011), A Hybrid Approach to Detecting Alerts in Arabic E-Mail Messages, **Journal of Information Science (JIS)**,

Vol. 38, No. 1, pp. 87-99, SAGE Publishers

10. Al-Radaideh Q., Ahmad Al-Ananbeh, **Emad. M. Al-Shawakfa**, (2011) A Classification Model for Predicting the Suitable Study Track for School Students, **International Journal of Research and Reviews in Applied Sciences**, Vol. 8, No. 2, pp. 247-252.
11. Al-Radaideh Q., **Al-Shawakfa E.**, and Hamid E., (2011), Evaluating the Usability of Jordanian Public Schools Websites. In *Proceedings of the Jordanian Scientific Research Conference*, Jordan.
12. Wahbeh, A., Al-Radaideh, Q., Al-Kabi, M., and **Al-Shawakfa E.**, (2011), A Comparison Study between Data Mining Tools over some Classification Methods, **International Journal of Advanced Computer Science and Applications (IJACSA)**, Special Issue on Artificial Intelligence, Vol. 2, No. 8, pp. 18-26, SAI Publisher.
13. Al-Eroud, A.; AlRamahi, M.; Al-Kabi, M.; Alsmadi, I. and **Shawakfa, E.** (2011). Evaluating Google Queries Based On Language Preferences, **Journal of Information Science (JIS)**, Vol. 37, No. 3, pp. 282-292, SAGE Publishers.
14. Wahbeh A., Al-Kabi M., Al-Radaideh Q., **Al-Shawakfa E.**, and AlSmadi I., (2012), The Effect of Stemming on Arabic Text Categorization: An Empirical Study, **International Journal of Information Retrieval Research (IJIRR)**, Vol. 1, No. 3, IGI Publishing.
15. Wahsheh H.; Abu Doush I.; Al-Kabi M.; Alsmadi I. and **Al-Shawakfa E.** (2012), Using Machine Learning Algorithms to Detect Content-based Arabic Web Spam, **International Journal of Information Assurance and Security (JIAS)**, Vol. 7, No. 1, pp. 14-24.
16. Al-Kabi M. N.; Wahsheh H. A.; Alsmadi I. M.; **Al-Shawakfa E. M.**; Wahbeh A. H. and Al-Hmoud A. M. (2012). Content Based Analysis to Detect Arabic Web Spam, **Journal of Information Science (JIS)**, Vol. 38, No. 3, pp. 284-296, SAGE Publishers.
17. Ameen A. Al-Jedady, Izzat M. Alsmadi, **Emad M. Al-Shawakfa**, and Mohammad N. Al-Kabi, Enhancing Query Retrieval Efficiency Using BGIT Coding,. In *Proceedings of IEEE International Conference on Computer, Information and Telecommunication Systems, (CITS) 2012*.
18. Enhancing retrieval and novelty detection for Arabic text using sentence level information pattern, Al-Shdaifat, Esra'a, Al-Kabi, Mohammed N, **Al-Shawakfa, Emad**, and Wahbeh, Abdulla. In *Proceedings of IEEE International Conference on Computer, Information and Telecommunication Systems, (CITS) 2012*.
19. Eslam Al Maghayreh, Sallam Abu al-Haija, Faisal Alkhateeb, Shadi Aljawarneh, and **Emad Al-Shawakfa**, 2013. BeesAnts: A New Nature-Inspired Routing Algorithm, **International Journal of Communication Networks and Distributed Systems**, Vol. 10, No. 1.
20. Mohammed Al-Kabi, Taghreed Hailat, **Emad Al-Shawakfa**, and Izzat Alsmadi 2013. Evaluating English to Arabic Machine Translation Using BLEU. **International Journal of Advanced Computer Science and Applications (IJACSA)**, Vol. 4, No. 1, pp 66-73.
21. Mohammed Al-Kabi, Esra'a Al-Shdaifat, **Emad Al-Shawakfa**, and Izzat Alsmadi 2013. Comparing Two Novelty Detection Models for Arabic Text Based Sentence Level Information Patterns. **International Journal of Signal Processing, Image Processing and Pattern Recognition**, Vol. 5, No. 4, pp. 117-130.
22. Monther Tarawneh and Emad Al-Shawakfa, 2015. A Hybrid Approach for Indexing and Searching the Holy Quran. **Jordanian Journal of Information Technology (JJCIT)**, Vol. 1, No. 1, pp. 41-50.
23. Amer Al-Badarneh, Emad Al-Shawakfa, Basel Bani-Ismael, Khaleel Al-Rababah, and Safwan Shatnawi, 2016. The Impact of Indexing Approaches on Arabic Text Classifications. **Journal of Information Science**, Vol. 43, No. 2, pp. 159-173, SAGE Publishers.
24. Amer Aol-Badarneh, Emad Al-Shawakfa, Khaleel Al-Rababah, Safwan Shatnawi, and Basel Bani-Ismael, 2016. Classifying Arabic Text using KNN Classifier. **International Journal of Advanced Computer Science and Applications (IJACSA)**, Vol. 7, No. 6, pp. 259-268.
25. **Emad Al-Shawakfa** (2016). A Rule-Based Approach to Understand Questions in Arabic Question Answering. *Jordanian Journal of Computers and Information Technology (JJCIT)*, Vol. 2, No. 3, pp. 210-231.

26. **Emad Al-Shawakfa** and **Hiba Alsghaier** (2018). An empirical study of cloud computing and big data analytics, **International Journal of Innovative Computing and Applications (IJICA (SCOPUS Journal))**.
27. **Emad Al-Shawakfa** and Mohammed Tawalbeh, (2020). Recognition and Retrieval of Mathematical Expressions from Arabic Documents. *International Journal of Advanced Trends in Computer Science and Engineering*, ISSN: 2278-3091, Vol 9, No. 1, pp 98-109, (SCOPUS Journal);
28. Aleroud A., Abu-Alsheeh N., **Al-Shawakfa E** (2020). A graph proximity feature augmentation approach for identifying accounts of terrorists on twitter, *Computers & Security* 99:102056 (ISI & Scopus).
29. **Emad Al-Shawakfa** and Hind H. Husni. A Two-Stage Machine Learning Classification Approach to Identify Extremism in Arabic Opinions. *International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)*. ISSN: 2278-3091, Vol. 10, No. 2, 2021. (Accepted)

Books

- Oqeili S, Serhan S, Al-Zoubi M, Ababneh M, **Shawakfa E**, and Al-Obeidy M 2004, Mastering C++, Dar Al-Shorok, Amman – Jordan.
- Al-Refai M., **Al-Shawakfa E.**, Al-Shalabi R., Kanaan G., Abbadi H, Al-Hirsh A., 2003: ICT Course for Grade 1, Yarmouk University.
- Al-Refai M., **Al-Shawakfa E.**, Al-Shalabi R., Kanaan G., Abbadi H, Al-Hirsh A., 2003: ICT Course for Grade 2, Yarmouk University.
- Al-Refai M., **Al-Shawakfa E.**, Al-Shalabi R., Kanaan G., Abbadi H, Al-Hirsh A., 2003: ICT Course for Grade 3, Yarmouk University.
- Al-Refai M., **Al-Shawakfa E.**, Al-Shalabi R., Kanaan G., Abbadi H, Al-Hirsh A., 2003: ICT Course for Grade 4, Yarmouk University.
- Al-Refai M., **Al-Shawakfa E.**, Al-Shalabi R., Kanaan G., Abbadi H, Al-Hirsh A., 2003: ICT Course for Grade 5, Yarmouk University.
- Al-Refai M., **Al-Shawakfa E.**, Al-Shalabi R., Kanaan G., Abbadi H, Al-Hirsh A., 2003: ICT Course for Grade 6, Yarmouk University.

Conferences and Workshops

- Attended the Microsoft Academic Days sponsored by Microsoft Research in Doha-Qatar from Dec. 13-14, 2005.
- Attended Message Passing Interface Programming at Edinburgh University from 28-29/4/2004
- Attended the Regional Workshop on IT Security, sponsored by MEC, Amman-Jordan from 20-22/10/2003
- Attended a Workshop on Computer Security by the British Council of Amman-Jordan.
- Attended a Workshop by UNESCO & UNDP to prepare electronic courses on the web, Yarmouk University, 11-15/2/2001.
- Gave workshops at the Faculty Development Center on:
 - Using the PC to record and maintain Student's Grades
 - Preparing Web-Based classes.
 - Using and setting On-line testing.
 - Usage of the Multimedia Projectors.
 - Transferring a Course into an on-line material using the environment of PowerPoint.
- Attended the first conference on Scientific Research, conducted by the Society of Friends of Scientific Research in Jordan, 25-26/10/2003.
- Attended MAICS 99 conference at University of Indiana, Bloomington, IN, April 1999.

Thesis Committees

- Participated in the thesis committees at Yarmouk University for the following:
 - (13) Students in the field of Educational Technology at the faculty of Education.
 - (15) Students in the field of Business Administration at the faculty of Business

- Administration.
 - (3) Students in the field of Computer Engineering at the Hijjawi faculty of Engineering.
 - (4) Students in the IT faculty.
- Participated in the thesis committees at Jordan University of Science and Technology for the following.
 - (5) Students in the field of Computer Science at the faculty of Information Technology.
- Participated in the thesis committees at Aal-Ul Bayt University for the following
 - (1) Student in the field of Computer Science.
- Participated in the thesis committees at Al-Balqa Applied University for the following:
 - (1) Student in the field of Computer Science.
- Participated in the thesis committees at Middle East University for the following:
 - (1) Student in the field of Computer Science.

Academic Honors

- Rated among the top 5% of students during the undergraduate program.
- Placed three times on the Dean's honor list during the undergraduate program.

Master Thesis Title: USTIMES: a User-Friendly System for TIME Series.

- Used and applied the Pawel's Algorithm as well as Box-and-Jenkins Methodology for Time Series Analysis and forecasting. Developed a system that is user friendly that can be used to build a model for the given time series and then forecast future values.

PhD Thesis Title: Bilingual (Arabic/English) Dialogues with a Network Operating System using Case Frames.

- Used the concepts of Natural Language Processing to establish the First set, in the history of Arabic NLP research, of a machine readable Arabic Case Frames that could be used for Natural language Dialogs with the Computers.
- Using the built Case Frames, a system using both Arabic as well as English Languages, a Natural Language dialogue was built and tested mainly to be used by novice users.

References

- Professor Dr. Sulayman Mustafa, Frmr Dean Faculty of IT, YU e-mail: smustafa@yu.edu.jo
- Professor Dr. Gasem Radaideh. Frmr Vice Dean, Faculty of IT, Yarmouk University e-mail: gasemr@yu.edu.jo
- Dr. Fawzi Albalooshi, Frmr Dean, College of Applied Studies, University of Bahrain, Bahrain, e-mail: fablooshi@uob.edu.bh
- Dr. Belal Zaqaibeh, Frmr Dean, Jadara University-Jordan, e-mail: zaqaibeh@jadara.edu.jo