



R E S U M E

Walid A. Salameh

Professor of Computer Engineering/Science

Education

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| PhD. | Computer Engineering (METU) | 1991 |
| M.Sc. | Computer Engineering (METU) | 1987 |
| B.Sc | Computer Science (YU) | 1984 |

Professional Carrier

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| 1992-1996 | Assistant Professor(JUST) |
| 2005-Now | Full Professor (PSUT) |
| 2005-2006 | Visiting professor, Amman Arab University |
| 2006-2008 | Dean of IT-College, (PSUT-Jordan) |
| 2008-2010 | Visiting Professor at New York Institute of Technology |
| 2010-2014 | Dean of the Graduate Studies and Scientific Research Deanship (PSUT) |
| 2014- | PSUT-Vice President for Academic affairs |

Recent Research Areas

Cloud Computing, Computer Network Security, Arabic Content, Natural Language Processing, and Data mining.

Professional Experiences

1. A member of the National Team Supervision for the ICT program stream at the MOE/Jordan.
2. Assessed and evaluated the eMIS programs at the MOE/Jordan
3. Local Consultant for the (Education Reform for Knowledge Economy Project-ERfKE) - MoE.
4. Served as a Trainer for the eMIS/Programming Section given to the MoE Teachers.
5. Worked with the (Education Support Project-ESP-ERfKE) as a local consultant for tasks and missions(Teacher Training, bidding committee member for an MIS project, and other similar related tasks)
6. Writing several e-learning courses curriculum and vocabularies for Arab Education Bureau –Riyadh-KSA.
7. Evaluator and tester for several e-learning Solutions in Different Sectors.
8. MIS Consultant for the Secondary School Curricula in Jordan

9. Assisted the MOE/Jordan with the Implementation of the New MIS curriculum at Secondary Education(MIS-Stream and other streams)
10. MIS-Senior Consultant. World Bank, Ministry of Social Development (MOSD), Jordan. March, 2007-2008
11. Financial Information System Architect for the Ministry of Education-Jordan, CEDA-BearingPoint-(Fundud by the Canadian Govt.), 2005
12. UNDP-POGAR –MIS-Consultant-(Automating the Jordanian-Public Prosecution Offices)
13. MoE-Jordan, Advisory Board Member for the Scientific Stream for the High School Curriculum in Jordan.
14. Federal Chamber of Commerce-Jordan, IT Consultant, 2001-2009.
15. SJE (Support Jordan Initiative) Consultant-MoE-Canadian Education Development Agency-Bearing-Point
16. MoE-IT –Consultant,(DCT, World-Bank)
17. A member of MoH of Jordan for IT Committee.
18. Network and ATM Consultant
19. National Committee Member for MIS Book Authoring
20. MoE-Curriculum Directorate Consultant for various IT projects
21. MoE - Textbook Authoring Tracking System Consultant, Team Leader
22. Ministry of Justice (Jordan) IT Consultant-2007-2010
23. eMIS Automation - National Committee Team Leader.
24. ESP-UNAIDS, for *ERifKE* project Advisory Board Member-Jordan, 2004-2008
25. MoE-Jordan, eBook Project Advisory Board Member, 2005-2009
26. MoE-DCT and Procurement Directorate (eMIS-Consultant), 2006-2007
27. ESP (ERfKE-Support Project-USAID), eMIS-T National Technical Team Leader (MoE),
28. eMIS Software Product Senior-Evaluator.
29. Senior Designer for the e-training Modules for the Arab Gulf Countries Educational Bureau
30. ERASMUS MUNDUS Project Coordinator(2008-2011)-FORT
31. TEMPUS-Project-Coordinator (2005-2008)-OLMT
32. TEMPUS-Project Coordinator (2008-2011)-ALTAIR
33. TEMPUS-Project Contact Person and Officer at PSUT (2010-2013)-UNAM
34. IACeT'2008, steering committee
35. IACeT'2010 , steering committee

36. Accreditation Committee Member for the Computer Engineering and Computer Science Programs at Jordan Universities "Jordan Accreditation Commission", 2011
37. The 2nd International Conference, on Information Technology (ICIT'05), steering committee
38. The International Conference on Information Technology, International program committee
39. http://pdf.usaid.gov/pdf_docs/PNADM237.pdf
40. Senior Designer for the e-training Modules for the Arab Gulf Countries Bureau
41. TEMPUS and ERASMUS MUNDUS, FP7 Project Coordinators for number of EC projects at PSUT.
 - OLMT- Project Coordinator (TEMPUS)
 - UNAM-Tempus project national coordinator [PSUT partner at this project]-1,200,000 €-(TEMPUS)
 - ALTAIR-Tempus project national coordinator [PSUT partner at this project]-870,000 €-(TEMPUS)
 - MEDAWEL-Tempus project [PSUT is a grant holder]-992,000 €-(TEMPUS)

- J-ERA Center-FP7 project coordinator with NCRD-500,000 €
- JU-Net(II)- FP7-project contact person with HCST-500,000 €
- FORT-ERASMUS MUNDUS Project- national coordinator 430,000 €
- TEJ-Tempus project [PSUT is a grant holder]-860,000 €-(TEMPUS)
- ESE-Enterprise system Engineering-Tempus Project-[PSUT is a partner], 1,200,00 €.

42. ICIS Conference Program Chair(First one) held in JUST, 2008.

43. A Member of the Information Technology People: Who do A Review?

44. A Member at the Editorial Review Board of :

- Journal of knowledge and Learning Objects, IJNS, The International Journal of an Emerging Transdiscipline
- International Arab Journal of e-Technology
- International Journal of Aviation Technology, Engineering and Management (IJATEM)
- Member at Computer Association - Jordan (CAJ)
- CSC Journals
- International Journal of Computer Science and Security (IJCSS)
- Issues in Informing Science and Information Technology (IISIT)
- Journal of knowledge and Learning Objects
- Ubiquitous Computing and Communication Journal (UBICC)

45. Other Many Activities.

Awards and Prizes

- AL-Hassan Award for Excellency Achievements 1999.
- State Award for Excellence Achievements. Handed, Rewarded by His Majesty the King Abdullah(II), 2000
- Hisham Hijjawi Award for Applied Sciences in the Field of Information Technology and Communication 2002
- Award of distinguished scholar based on the contribution to the European Journal of Scientific Research with an outstanding research
- Many project grants

Some selected Associations and International Journal Editorial Board member

- The International Journal of an Emerging Transdiscipline
- International Arab Journal of e-Technology
- International Journal of Aviation Technology, Engineering and Management (IJATEM)
- Member at Computer Association - Jordan (CAJ)
- CSC Journals
- International Journal of Computer Science and Security (IJCSS)
- Issues in Informing Science and Information Technology (IISIT)
- Journal of knowledge and Learning Objects
- Ubiquitous Computing and Communication Journal (UBICC)

Patent:

1. A patent number, eFiled Application Information, Application Details: EFS ID 16724659, Application Number: 14014002, Confirmation Number 2978, Title: A Method for Detecting Plagiarism in Arabic:

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|-------------------------|-------------|---------------------------|---------------|
| Publication type | Application | Application number | US 14/014,002 |
| Publication date | 5 Mar 2015 | | |

Selected-Publications-

Journals & Some Conferences Papers (**Published more than 55 articles in a well know journals**)

1. Abu-Salameh W., Ola Surakhi, "Using the Extended Optical Backpropagation Algorithm with Adaptive Learning Rate", International Journal of Information and Communication Technology Research, Vol.5 No.6, July 2015
2. Walid Salameh, Ola Surakhi, "Enhancing the Performance of the Back propagation for Deep Neural Network", International Journal of Computers & Technology, Vol. 13, No 12: October 2014, <http://cirworld.org/journals/index.php/ijct/index>
3. Walid A. Salameh, Iyad Dasouqi, "Using GIS in Designing and Deploying Wireless Network in City Plans", CSC Journal, 2014.
4. Walid A. Salameh ,Lana Kayyali, Mustafa Azzam, Issa Batarseh, Ashraf Ahmad, "A Method for Detecting Plagiarism in Arabic", 6th International Integrity & Plagiarism Conference, June 16th, 2014, The Sage Gateshead, United Kingdom.

5. Walid A. Salameh, et al., "Arabic Race Classification of Face Images", International of Computers and Technology, Vol.4, no. 2, 2013, <http://www.cirworld.com/index.php/ijct/article/view/886>
6. Walid A. Salameh, et al., "Enhanced System to Secure Summative E-Assessment", International of Computers and Technology, Vol.4, no. 2, 2013, <http://www.cirworld.com/index.php/ijct/article/view/859>.
7. Walid A. Salameh, Ibrahim Yakti, "iSCSI (Internet Small Computer System Interface) For Your Startup", International Journal of Information and Communication Technology Research (<http://esjournals.org/>). Volume 2 No 3 March 2012 issue.
8. Walid A. Salameh, Iyad Dasouqi "Determining an Optimal Number of Access Points Using GPS data to Secure a Wireless Network Environment", International Journal of Computer Science and Security, Vol. 4, Issue5, 2010, <http://www.cscjournals.org/csc/manuscript/Journals/IJS/volume4/Issue5/IJS-57.pdf>.
9. Walid A. Salameh, Iyad dasouqi "Detecting and Localizing Wireless Network Attacks Techniques", International Journal of Computer Science and Security, Volume (4), Issue 1, 2010, <http://www.cscjournals.org/csc/manuscript/Journals/IJCSS/volume4/Issue1/IJCSS-225.pdf>
10. Otair M. A., Salameh W. A "Efficient training of Neural Network Using Optical Back propagation With Momentum Factor", International Journal of Computer and applications, issue 3, Vol. 30, 2008, http://www.actapress.com/Content_Of_Journal.aspx?JournalID=101#pages
11. Walid A. Salameh, and S. Massaadeh, "A Wireless eLearning Paradigm in Jordan High-Schools", Chapter at the "Multimedia Transcoding in Wireless and Mobile Networks", <http://www.igi-global.com/reference/details.asp?ID=7780&v=contributors>, 2008
12. Walid A. Salameh, and Moh'd A. Otair, "Comparative Study between Different Versions of the Back propagation and Optical Back propagation", Neural Network World Journal, 2006. Otair M. A., Salameh W. A. "Efficient training of back propagation neural networks", Neural Network World, Vol. 6, 2006, 291-311. <http://www.uivt.cas.cz/nnw/contents2006/number4.shtml>
13. Walid A. Salameh, and Moh'd A. Otair, "Online handwritten Character Recognition Using An Optical Back propagation Neural Networks", journal Issues in Informing Science and Information Technology, pp. 787-795. Vol. 2. 2005. It can be accessed on the Web at <http://www.2005papers.iisit.org/I61f107Sala.pdf>
14. Walid A. Salameh, and Moh'd A. Otair, "Speeding Up Back-Propagation Neural. Proceedings of the 2005 Informing Science and IT Education Joint Conference
15. Walid A., "Detection of Intrusion Using Neural Networks: A Customized Study", Studies in Informatics and Control Journal, SIC - June 2004 Volume 13 Number 2 http://www.ici.ro/eng/SIC/sic2004_2/art6.htm
16. Walid A. Salameh, and Moh'd A. Otair, "Optical Back-Propagation Neural Networks with a Momentum Factor A Case Study", WSEAS Transactions on Circuits and Systems, issue 9, Volume 3, November 2004. ISSN 1109-2734. <http://www.worldses.org/journals/circuits/circuits-november2004.doc>

17. Abu-Salameh, W., "An On-Line System for handwritten Character Recognition Using Neural Networks International Journal of Information Technology, Vol.2, No. 13, pp.123-129, 2004, <http://www.icis.ntu.edu.sg/scs-ijit/>, SCOPUS®
18. Networks", Proceedings of the 2005 Informing Science and IT Education Joint Conference, pages 167-173. It can be accessed on the Web at <http://proceedings.informingscience.org/InSITE2005/P106Ota.pdf>
19. M. Otair, Abu-Salameh, W., "An Improved Back Propagation Neural Networks Using a Modified Non-Linear Function", IASTED International Conference on Artificial Intelligence and Applications, pp.713-716, (AIA 2004)
20. Abu-Salameh, "Measurement Techniques of the Program Complexity: A case Study", Journal of Institute of Mathematics & Computer Sciences, Vol.13, pp.13-17, No.1, 2003.
21. Abu-Salameh, W., "Neural Network Approach for Financial Forecasting", AMSE Journal, Vol.24, No.3.4, pp.1-13, ISSN 1240-4551, 2003.
22. Abu-Salameh W., " An Adaptive Learning Technique for Back propagation Application", Journal of Institute of Mathematics & Computer Sciences(CSS), Vol.13, No.1, pp.25-32, June 2002
23. 2005 "مقدمة إلى شبكات الحاسوب والأنترنزت", كتاب مقرر لجامعة القدس المفتوحة. , وليد سلامة, عبد الفتاح التميمي,
24. Abu-Salameh W., "أختبار اتقنيات الحديثه في التريه النوعيه", ورشه العمل الأقليمي حول معايير التريه النوعيه (التريه والتنميه), عمان-الأردن, 2005 21 شباط 2002.
25. Abu-Salameh W., "شبكات الحاسوب الملائمه لأتمته التعليم الجامعي", ورشه العمل الأقليمي حول معايير التريه النوعيه (التريه والتنميه), عمان-الأردن, 2002 21 شباط 2002
26. Abu-Salameh W., "A New Adaptive Bp Algorithm", Journal of Institute of Mathematics & Computer Sciences, Vol.13, No.1,pp.56-59, 2002.
27. Abu-Salameh, J. Atoum, A. Awajan " A Fast Technique for Arabic Text Recognition", (Journal of Institute of Mathematics & Computer Sciences Vol. 11, No. 1, pp. 5-11, 2000.
28. Abu-Salameh, W., Sarie T., "Inferencing in Connectionist Expert Systems with a Redundant and Noisy Data", AMSE Journal, Vol. 40. No. 2, pp.31-38, 1998
29. Abu- Salameh W., etal. "An Adaptive Source, Server-Initiative Algorithm for Dynamic Load Balancing in Distributed Systems", The International Association of Science and Technology for Development-IASTED) Conference, January 8-10, 1996, Orlando, Florida, USA.
30. Abu-Salameh, W., " A Comparative Study on Software Quality Assurance Using Complexity Metrics", Journal of Automation and Information Sciences, Volume 28, Numbers 5&6, pp.28-32, (1996)
31. Abu-Salameh W., "Examining Bp Modification in Neural Arrays of Different Dimensionalities", Journal of Automation and Information Sciences, Volume 28, Numbers 5&6, pp.76-81, (1996)
32. Abu-Salameh W., " Computer Networks Performance Evaluation Employing Different Mathematical Queuing Models", published in AMSE Journal, Vol.3. pp.87-91, 1997.
33. Abu-Salameh, W., " Expert Networks: An Approach to Merge the Functionality of Expert Systems with the Learning Capability of Neural Networks", Advances in Modeling & Analysis, Vol.34, No.2, 1995, pp.1-5.
34. Abu-Salameh, W., " Networking the Expert System Using Artificial Neural Networks ", Proc. of International Conference on Computer and Information Systems, ICCIS, Amman, Jordan, Jul. 30-Aug. 1,1994.

35. Abu-Salameh, W. & Kadouri O., Essentials of Programming in FORTRAN-`77 Dar -Hunain, Amman, July 1996.
36. Abu-Salameh, W., " Complexity Metrics", First European Conference on Quality Control, Brussels, April 1987.
37. Abu-Salameh, W., "Learning with New Extension of Back propagation Paradigm", AMSE, Vol.21, No.2, 1994, pp.47-50.
38. Abu-Salameh, W & Tolun, M.R., "Performance Evaluation of Extended Backpropagation Rule for Generating Networks of Connectionist Expert Systems", Proc. of ICANN, June 1991,Helsinki, pp.1363-1366, 1991.
39. Abu-Salameh, W & Tolun, M.R., "An Approach of Generating a Connectionist Knowledge-Based Expert System Using Extended Back propagation Rule", Frontiers in Knowledge-Based computing, Ed.: Bhatkar V.D., and Rege K.M., Norsa Pub. House, ND, 1990, pp.175-185.
40. Abu-Salameh W." Computer Simulations of Extended Back propagation on Different artificial Neural Network Topologies' 'Advances in Modeling and Simulation, Vol.31, spring 92, pp.51-63.