



R E S U M E
Walid A. Salameh
PhD. in Computer Engineering

Education

PhD.: 1991 METU
M.Sc.: 1987 METU
B.Sc.: 1984 YU

Professional Carrier

1992-1996 Assistant Professor at an Electrical Engineering & -Computer Engineering Department & Faculty of Science (JUST)
2005-Now Full Professor (PSUT)
2008-2010 Visiting Professor at New York Institute of Technology-USA
2005-2006 Visiting Professor, Amman Arab University
2006-2008 Dean of King-Hussein School for Information Technology (PSUT-Jordan)
2010-2014 Dean of the Graduate Studies and Scientific Research Deanship (PSUT)
2014-2016 PSUT-Vice President for Academic affairs
2016-2017 ASU-Sabbatical year as a Visiting Professor
2017- PSUT-Faculty Member and in contact person for many joint projects

Recent Research Areas

Cybersecurity, Data Science, Artificial Intelligence, Arabic Content, Natural Language Processing (NLP), Data Mining, Machine Learning, Neural Networks, Image and Speech Recognition.

Computer Networks and Security,

Contacts:

Email: walid@psut.edu.jo

Cell Phone: 00962 777 485 777

Home Page:

[https://www.psut.edu.jo/users/pr
of-walid-salameh](https://www.psut.edu.jo/users/pr
of-walid-salameh)

Professional Experiences

1. Jordan Engineering Association (JEA) Member
2. National Committee Member for Transferring to eLearning at the Higher Educational Institutions in Jordan
3. A member of the National Team Supervision for the ICT program stream at the MOE/Jordan.
4. Assessed and evaluated the eMIS programs at the MOE/Jordan
5. Local Consultant for the (Education Reform for Knowledge Economy Project-ERfKE) - MoE.
6. Served as a Trainer for the eMIS/Programming Section given to the MoE Teachers.
7. 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)
8. Writing several e-learning courses curriculum and vocabularies for Arab Education Bureau –Riyadh-KSA.
9. Evaluator and tester for several e-learning Solutions in Different Sectors.
10. MIS Consultant for the Secondary School Curricula in Jordan
11. Assisted the MOE/Jordan with the Implementation of the New MIS curriculum at Secondary Education(MIS-Stream and other streams)
12. MIS-Senior Consultant. World Bank, Ministry of Social Development (MOSD), Jordan. March, 2007-2008
13. Financial Information System Architect for the Ministry of Education-Jordan, CEDA-BearingPoint-(Funded by the Canadian Govt.), 2005
14. UNDP-POGAR –MIS-Consultant-(Automating the Jordanian-Public Prosecution Offices)
15. MoE-Jordan, Advisory Board Member for the Scientific Stream for the High School Curriculum in Jordan.
16. Federal Chamber of Commerce-Jordan, IT Consultant, 2001-2009.
17. SJE (Support Jordan Initiative) Consultant-MoE-Canadian Education Development Agency-Bearing-Point
18. MoE-IT –Consultant,(DCT, World-Bank)
19. A member of MoH of Jordan for IT Committee.
20. Network and ATM Consultant
21. National Committee Member for MIS Book Authoring
22. MoE-Curriculum Directorate Consultant for various IT projects
23. MoE - Textbook Authoring Tracking System Consultant, Team Leader
24. Ministry of Justice (Jordan) IT Consultant-2007-2010
25. eMIS Automation - National Committee Team Leader.
26. ESP-UNAIDS, for *ERifKE* project Advisory Board Member-Jordan, 2004-2008
27. MoE-Jordan, eBook Project Advisory Board Member, 2005-2009
28. MoE-DCT and Procurement Directorate (eMIS-Consultant), 2006-2007
29. ESP (ERfKE-Support Project-USAID), eMIS-T National Technical Team Leader (MoE),
30. eMIS Software Product Senior-Evaluator.
31. Senior Designer for the e-training Modules for the Arab Gulf Countries Educational Bureau
32. Experience in developing institutional capacities and providing technical assistance in the field of curricula development preparation and implementation
33. UNDP expert at the Ministry of Justice
34. USAIDS Expert at the Ministry of Education
35. World bank Expert at the Ministry of Social Affairs
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. IACeT'2008, steering committee
39. IACeT'2010, steering committee
40. Committee chair for many committees formulated at the Accreditation Commissions in Jordan.
41. The International Conference on Information Technology, International program committee
42. National eLearning Committee Member formulated by the Ministry of Higher Education and Scientific Research -2020
43. Computer Science Stream Framework Committee Chair, 2021 "National Center for Education"
44. Senior Designer for the e-training Modules for the Arab Gulf Countries Bureau
45. External Evaluator for many projects (Some Examples, Erasmus Plus CBHE-JobJo-Jordan, Erasmus+ CBHE IREEDER, and others)

41.(International Projects Coordinator)

TEMPUS and ERASMUS MUNDUS, FP7 and Erasmus-Plus Project Coordinators for the *highest number* of EC projects at PSUT and in Jordan as well. Some examples:

- 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 coordinator [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 coordinator [PSUT is a grant holder]- €860,000-(TEMPUS), which focuses on employability, market strategies, Labor market information system and intermediation, labor market measures, technology transfer, women empowerment and employability, alliance between the academia and the enterprises, and intellectual properties.
 - ENEPLAN-project officer-€1,1000,000, a project on urban planning and renewable energy.
 - ESE-Enterprise system Engineering-Tempus Project-coordinator [PSUT is a partner], €1, 200,00.
 - RISE-Erasmus Plus project coordinator, 2015 [PSUT is a Grant Holder], €988,000.
 - National Coordinator and contact person for the MEDACCR Erasmus Plus Project, 2017-2020, €680,000, [PSUT is a partner]
 - Contact Person for the WaSec Erasmus Plus Project, 2017-2020, €999,870, [PSUT is a partner]
 - Contact Person for MediTec Erasmus Plus project, €999, 875.00, [PSUT is a partner]
 - National Coordinator and Contact Person for FREE Project, Erasmus Plus, 2018-2021, €999,800.00, [PSUT is a partner]
 - Contact person for many ICM (International Credit Mobility) projects under the Erasmus, Plus and tempus Projects at PSUT.
 - Many others with fund raising from different agencies, more than €500,00.
42. Member of Jordan Accreditation committee (HEAC) for the University Accreditation System (newly adopted system at the commission).
 43. Committee Chair for a university inclusion for some JO-HEIs
 44. Committee member at the UNESCO office/Ministry of Education for the ICT usage in the Jordanian Education System
 45. Qatar National Foundation, Abdulahamid Shooman, Hisham Hijjawi Foundation reviewer for many project's proposals at the ICT Sector.

46. ENI-CBCMED IPMED-(IP Capacities for Smart, Sustainable and Inclusive Growth in the MEDiterranean Region Project"-Project co-drafter and team member prepared for JEDCO Organization-Jordan, Amman (€1,200,000)
47. MYSEA ENI-Protect-Team Member-External Expert (€3,200,000)
48. Orange Incubator in AI- Project Officer- 2021 (\$100,000)
49. External Evaluator for JobJo projects
50. Jordan Research Fund Proposals's Evaluator at the ICT and Engineering Tracks

Research communities and professional Membership

- ICIS Conference Program Chair (First one) held in JUST, 2008.
 - A Member of the Information Technology People: Who do A Review?
 - 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)
 - Jordanian Engineers Association
 - 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)
 - Many Others
51. 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-AI and Natural Language
Processing

Selected-Publications-

Journals & Some Conferences Papers (*Published more than 65 articles in well know journals*)

1. Ammar EL-Hassan, Walid A. Salameh, Salam Friehat, Bushra Abu Tahnoon , Maisa Asasfeh “Business Intelligence Framework Design & Implementation - A Real Estate Market Case Study”, June 2021 ACM-SJR-Journal of Data and Information Quality 13(2):1-16, Scopus, Q1. <https://dl.acm.org/doi/10.1145/3422669>
2. Saleh Abu-Soud, Ammar EL Hassan, Feras Ghanem, Walid A. Salameh,” ILA4: Overcoming Missing Values in Machine Learning Datasets-An Inductive Learning Approach”, Journal of King Saud University - Computer and Information Sciences Q1-ISI-Scopus, 2021. [https://authors.elsevier.com/sd/article/S1319-1578\(21\)00050-1/](https://authors.elsevier.com/sd/article/S1319-1578(21)00050-1/)
3. Qubbaj, A. Abu Taleb and W.Salameh. “Review on LEACH Protocol”, Advances in Science, Technology and Engineering Systems Journal. Scopus, issue 6 and vol 5. Pp.1258-1266, Dec. 2020. <https://astesj.com/v05/i06/p150/>
4. Lara Saleh, Anas Abu-Taleb, Walid A. Salameh, “Trust and reputation in Wireless Sensors networks”, The 21st International Arab Conference on Information Technology (ACIT'2020), <https://ieeexplore.ieee.org/abstract/document/9300101> , Publisher: IEEE, Scopus Indexed.
5. Walid A. Salameh, Ola Surakhi,” An Optimized Convolutional Neural Network for Handwritten Digital Recognition Classification”, Journal of Theoretical and Applied Information Technology, Vol. 98, No. 21 15th November, 2020, Scopus. <http://www.jatit.org/volumes/Vol98No21/15Vol98No21.pdf>
6. Rasha Hodhoud, Walid Salameh, “How Business Intelligence Can Help You to Better Understand Your Customers”, International Journal of Business Innovation and Research(IJBIR), Vol.11(1)-January-June 2020, Scopus <https://www.igi-global.com/article/how-business-intelligence-can-help-you-to-better-understand-your-customers/245662>
7. Walid A. Salameh etal., “Promoting sustainable water management in Palestine and Jordan through innovative education and cooperation between companies and universities”, MONITOX International Conference mEnvironmental Toxicants in Freshwater and Marine Ecosystems in the Black Sea Basin Kavala, GREECE, September 8th -11th, 2020, https://ibn.idsi.md/sites/default/files/imag_file/48-49_26.pdf
8. Yasmeeen Alsalman, Nancy Abu Halemah, Eman Al Nagi and Walid Salameh.” Using Decision Tree and Artificial Neural Network To Predict Students Academic Performance”, ICICS 2019, Scopus- to be published by IEEE.
9. Tahani Alshawabkeh, Ali Mahmoud, Ibrahim Al Amro and Walid Salameh “PERFORMANCE PREDICTING IN HIRING PROCESS AND PERFORMANCE APPRAISALS USING MACHINE LEARNING ”, Scopus-2019 10th International Conference on Information and Communication Systems (ICICS), <https://ieeexplore.ieee.org/document/8809154>
10. 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.7, July 2015_

http://esjournals.org/journaloftechnology/archive/vol5no6/vol5no6_7.pdf

11. 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.
<http://www.cscjournals.org/library/manuscriptinfo.php?mc=IJCN-287>
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, etal., " 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, etal., "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/IJCS-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](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, Volume3, November2004, ISSN1109-2734. <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. Walid A. Salameh, and Moh'd A. Otair, "Speeding Up Back-Propagation Neural Networks", Proceedings of the 2005 Informing Science and IT Education Joint

Conference, pages 167-173. It can be accessed on the Web at <http://www.proceedings.informingscience.org/InSITE2005/P106Otai.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. "مقدمة إلى شبكات الحاسوب والأنترنزت , "كتاب مقرر لجامعة القدس المفتوحة , وليد سلامة , عبد الفتاح التميمي , 2005
24. Abu-Salameh W., "ورشه العمل الأقليمي حول معايير التثريه النوعيه (التثريه والتنميه , عمان-الأردن , 2005 21 شباط 2002.
25. "شبكات الحاسوب الملائمه لأتمته التعليم الجامعي , ورشه العمل الأقليمي حول معايير التثريه النوعيه (التثريه والتنميه , عمان-الأردن , 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.