

CURRICULUM VITAE

NAME: Prof. Khalid Abdul-Hafez AlKaabneh



POSITION: Currently, Dean of Scientific Research, Al-Ahliyya Amman University.

EDUCATION:

- PhD. in Computer Science (2001).
- Masters of Science, Information Systems (IS), (1991).
- Bachelor of Science in Electrical Engineering with Computer Engineering Minor, (1989).

- All degrees were awarded from The George Washington University, DC. USA.

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| LANGUAGES | Conversation | Reading | Writing |
|-----------|---------------|-----------|-----------|
| Arabic | Mother Tongue | | |
| English | Excellent | Excellent | Excellent |

KEY QUALIFICATIONS:

- Dean of Scientific Research, Al-Ahliyya Amman University.
- Dean, Faculty of Computer Science and Informatics, Amman Arab University.
- Board of trustees member at Al-Zaytoonah University, Amman, Jordan.
- Full professor and dean of Information Technology collage, Isra University.
- Vice Dean, Faculty of Computer Science and Informatics, Amman Arab University.
- A capacity-building expert with over than 25 years of experience as TQM expert in government, NGOs and ministries in Jordan, applying Excellence models that help them to realize their development goals while enhancing their abilities to achieve measurable and sustainable results.
- Highly skilled knowledge management specialist with King Abdullah II Award for Transparency and Excellence.
- An IT consultant with the FRP-II / USAID project, making sure projects are completed on time, within budget, and according to the requirements.
- Quality assurance expert applying measures and rules in private universities.
- Excellent with Windows Applications (Microsoft Word, Excel, Power Point)
- Excellent Leadership Charisma and new ideas generator and implementer.
- EFQM assessor since 2007.

PROFESSIONAL EXPERIENCE:

- Team Leader, e-government assessment award, King Abdullah II Center for Excellence 2018 cycle.
- Senior Public Sector IT Advisor at the Fiscal Reform Project (FRPII / USAID), a 40 million dollars' project to support a program of technical assistance to Jordan in the areas tax and customs administration, budget management, more effective economic policy formulation, and an improved system for valuation and taxation of real property at the national and local levels.
- Senior Capacity Building consultant at Income and Tax Department (ISTD) as a USAID-sponsored project. This involved building strategies, QA system, HR systems, knowledge and IT infrastructure and redesigning processes.
- Senior Management Consultant at Ministry of Finance (MOF). Provide advice and technical expertise and assessment to meet the EFQM requirements. MOF was awarded the first prize in King Abdullah II Award for Excellence (2008-2009) among six other ministries.
- Consultant at Aqaba Special Economic Zone Authority (ASEZA) (2008), ASEZA was awarded the second prize in King Abdullah II Award for Excellence (2008-2009).
- Consultant at Civil Aviation Regulatory Commission (CARC) 2009. Provide advice and technical expertise in developing policies and procedures for HR system including the development of organizational chart, restructuring, job description, staffing policies.
- Senior consultant at Social Security Corporation (SSC), this involves building strategies, improving QA system, HR systems, and redesigning processes, in addition to training.
- Lead Assessor at King Abdullah Award for Transparency and Excellence, assessing more than 25 government and non-government organizations according to the EFQM model.
- Senior Assessor for Abu Dhabi & Ajman Award for Excellence in Government Performance assessing technical and managerial distinguished projects for both private and public sectors.
- Certified European Foundation for Quality Management Assessor (EFQM) for public sector including ministries, public corporations, departments and distinguished employees. From the Distinguished Employees Award, assessing employees from the different levels of management.

PROFESSIONAL HISTORY:

- Al-Ahliyya Amman University, Amman Jordan **Sept. 2019 – Present**
 - Dean of Scientific Research.
- Amman Arab University, Amman Jordan **Sept. 2016 – Aug. 2019**
 - Dean, Faculty of Computer Science and Informatics.
- Al Isra University, Jordan **Oct. 2010 – Sept. 2016**
 - Professor, Department of Multimedia.
 - Promoted to Professor in July, 17th 2014.
 - Dean of Information Technology Collage.
- Arab Academy for Banking and Finance Sciences, **Sept. 2007–Sept. 2010**
 - Associate Professor, Department of CIS.
- Amman Arab University, Jordan **Sept. 2004–Sept. 2007**
 - Assistant professor – Graduate Collage of Computing Studies.
 - Member of Arab Center for Studies and Consultations.
 - Assistant Dean, Graduate Collage of Computing Studies.
 - Promoted to Associate professor.
- Mutah University, Jordan **Sept. 2001–Sept. 2004**
 - Assistant Professor, Department of Information Technology.
 - Head of Computer Science Department.
- Intranet Consultants Inc., VA, USA: **Dec. 1997 – Dec. 1999**
 - Head of IT Department, IRG Consultant, DC, USA. Providing a hardware and software assessment for 75 onsite and 30 remote users, the head of IT department is responsible for ensuring that information-technology equipment, software, services and personnel meet the needs of the IRG work requirements.
 - Project Manager, IRG Consultants, D.C., USA. IT Project, implementing all areas of network design: Requirements Analysis, LAN/WAN Design, Software implementation and Ethernet (Thin, Thick, 10BASE-T, 100BASE-T, Switched, etc.), Token Ring, Hubs, TCP/IP, IPX/SPX, and Network Cards.
 - Hardware Engineer, Implementation of all the network components both hardware and software. Work included implementing and supporting TCPIP configurations.
- Jordan Armed Forces **Feb. 1991 – Nov.1996**
 - IT Manager of Information system division. Setups of a client server architecture using multiple servers (Microsoft Windows NT 3.5 as an image server, AS/400 D-10 system for large applications and HP 3000 as a small application server). Restoring NT server problems and overseeing daily backups.

- IT Consultant, providing all technical support issues and consulting services to NT server users.
- System administrator for AS/400 duties included establishment of new security and log tracking policies for remote and local users.
- Project manager. A primary role is as a facilitator with the goal being to ensure that a project is completed on time, within budget, and according to the requirements. As you might guess, being a facilitator can mean wearing many hats.

TEACHING EXPERIENCE:

- The George Washington University, Washington DC., USA.
- Jordan University.
- Mutah University.
- The Arab Academy for Banking & Financial Science.
- Princess Sumaya University for Technology.

PROFESSIONAL MEMBERSHIPS:

- Member of the Jordan Engineering Association since 1991.
- Member of IEEE society 1993.

ACADEMIC ACHIEVEMENTS:

- Best teacher Award, Amman Arab University, 2007.
- **Certified Patents**, Prof. Khalid Kaabneh has built a secure audio watermarking technique/algorithm to preserve ownership which was patent under his name. Watermark embedding and retrieval, Khalid Kaabneh and Abdou Youssef, United States Patent No.20050177738, Kind Code: A1. USA.
- Lecturer in the following areas:
 - Computer Security (for BS, MS & PhD students).
 - Image Processing (for BS, MS & PhD students).
 - Game making & Design.
 - Computer Graphics and Animation.
 - Teaching various programming courses.
 - Advance multimedia systems.
 - Software Engineering (for BS & MS students).
 - Strategic Planning.
 - Developing a vision, mission and organizational strategy.
 - Developing an organizational structure.
 - Knowledge Management.
 - Information Technology Security and Security Risk Management.
 - Feasibility Studies
 - IT Strategic Planning
 - Communication Skills.

Higher Education Committees:

- Higher Qualifying exam (Kafaa) speciality assessment at Accreditation and Quality Assurance Commission for Higher Education.
- Accreditation team leader for IT sector visiting numerous universities.

University Committees:

- Chairman of Amman Arab University Strategic planning committee (2018 – 2023).
- Chairman of Distinguished selection employee.
- Chairman of Qualification Exam committee (2018/2019).
- Chairman of University Qualification Exam committee (2017-2019).

Organized the following conferences:

- General Chair for the 3rd International Conference on Computer Science & Informatics, Amman Arab University, Amman Jordan, April 2019.
- General Chair for "The Digital Arabic Content & Enrichment Methods (DACEM) Conference", Amman, Jordan, 2019.

Reviewer for the following journals:

- International journal of science and research (IJSR), 2015.
- International Journal of Advanced Computer Science and Applications (IJACSA), 2017.
- IEEE Transactions on Multimedia, IEEE, 2006.
- IEEE Transaction on Knowledge and Data Engineering, TKDE, 2012.
- International journal on Data and Knowledge Engineering, 2011.
- International Journal on Parallel and Distributed Computing, Elsevier, 2015, 2016.
- International Journal on Image Processing, CSC Journals Press, 2013.
- Journal of Computational Intelligence, Wiley, 2014.
- International Journal on Multimedia Tools and Applications, Springer, 2014.
- International Journal on Knowledge and Information Systems, Springer, 2015.
- International Journal on Networks and Computer Applications, Elsevier, 2011, 2012.
- International Journal on Information Sciences, Elsevier, 2014.

Chief editor for Al-Balqa Journal for Research and Studeis.

PUBLICATIONS:

1. Khalid Kaabneh and A. Youssef, "Muteness-Based Audio Watermarking Technique" In the proceedings of the 21st International Conference on Distributed Computing Systems (ICDCS), April 2001, Phoenix, Arizona.
2. Khalid Kaabneh and A. Youssef, "Modified Muteness-Based Audio Watermarking Technique " In the proceedings of the 3rd International Workshop on Multimedia Network Systems (MNS2001), May 2001, Mesa, Arizona.
3. Khalid A. Kaabneh, Hamed S. Al-Bdour, "Frame-Size Dependency Using Priority Service Efficiency in FR Networks", Information Technology Journal, 3 (1): 17-22, Jan. 2004.
4. Khalid A. Kaabneh, Hamed S. Al-Bdour, "A New Video Segmentation Technique and Evaluation", Mutah Journal for Studies & Research, 19 (2): 39-51, Jan. 2004, Karak.
5. Hamed S. Al-Bdour, Khalid A. Kaabneh, "Formation of Optimal Messages Path Delivery within a Virtual Channel Technology ", Journal of Computer Science, V.1 (2), 145-150, 2005.
6. Khalid A. Kaabneh, "Web-Based Digital Video Sequencing System", Journal of Computer Science, V. (2), 219-222, 2005.

7. Khalid A. Kaabneh, H. Al-Bdour, "Key Exchange Protocol in Elliptic Curve Cryptography with No Public Point", American Journal of Applied Sciences, vol: (2), No. 8, 1232-1235, 2005.
8. Khalid A. Kaabneh, "Indexing & Searching of Image Data in Multimedia Databases Using Axial Projection", In the proceedings of the second World Enformatika Congress WEC'05, Feb. 25-27, 2005, Istanbul.
9. Khalid A. Kaabneh, "Heuristic Search on Encrypted Data (HSED)", In the proceedings of the International Conference on E-Business and E-learning (EBEL '05), May 24-25, 2005, Amman.
10. Khalid Kaabneh, O. Alia, A. Suleiman, A. Aburabela, "Video Segmentation via Dual Shot Boundary Detection (DSBD)", In the proceedings of the 2nd IEEE International Conference On Information & Communication Technologies (ICTTA'06), April 24 - 28, 2006 in Damascus.
11. Khalid Kaabneh, O. Abdulla, Z. Al-Halalemah, "Video Classification Using Normalized Information Distance", In the proceedings of the IEEE International Conference On Geometric Modeling and Imaging (GMAI'06), July 5 - 7, 2006, London.
12. H. Al-Bdour, Khalid Kaabneh, S. Fathy, "A Knowledge Based System for Automatic Classification of Web Pages", Mutah Journal for Studies & Research, V. 22(1), 2007.
13. K. Kaabneh, "Neoteric Video Segmentation Scheme using NCD for Detecting Indistinct Scenes", In the proceedings of the 2007 IEEE International Conference On Signal Processing & Communication (ICSPC07), Nov 24 - 27, 2007.
14. K. Kaabneh, E. AbuHammad, Z. Hamd, "Enhanced Skin Detection Technique Using Block Matching", In the proceedings of the 2007 IEEE International Conference On Signal Processing & Communication (ICSPC07), Nov 24 - 27, 2007.
15. A. Hudaib, K. Kaabneh "Hybrid Model for People Counting in a Video Stream", In the proceedings of the 12th WSEAS International Conference on COMPUTERS, July 23-25, 2008.
16. Khalid A. Kaabneh, A. Halasa and H. Al-Bahadili, "An Effective Location-Based Power Conservation Scheme for MANETs", American Journal of Applied Sciences, V.6 (9), September 6th 2008.
17. Amjad Hudaib, Khalid A. Kaabneh, Mohd Qatawneh, "Modified On-Demand Multicasting Routing Protocol for Ad Hoc Networks", WSEAS Transactions on Information Science and Applications, V. 6(2), February 2009.
18. H. Bahadli, K. Kaabneh, "Analyzing the Performance of Probabilistic Algorithm in Noisy MANETs". International Journal of Wireless & Mobile Networks (IJWMN), V.2 (3), August 2010.
19. Khalid A. Kaabneh, "Reliable Skin Detection Using Hybrid Neural Network Model", International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), V. 3(3), March 2014.
20. Khalid A. Kaabneh, "High Fidelity Image Watermarking Using FWT by Exploiting the RGB and HSV Models", International Journal of Computer Technology and Applications (IJCTA), V. 5(2), April 2014.

21. K. Kaabneh, S. Afaneh, H. Halalmeh, I. Hadid, "Improved Web Service Self-Healing Connector", *International Journal of Computer Science and Information Technologies (IJCSIT)*, V. 5(2), April 2014.
22. K. Kaabneh, H. Tarawneh, I. Hadid, "Encrypted Data Inquiries Using Chained Perfect Hashing (CPH)", In the proceedings of the 2017 International Conference on Mathematical Methods & Computational Techniques in Science & Engineering, University of Cambridge, UK, February 24-26, 2017.
23. I. Alhadid, K. Kaabneh, S. Khwaldeh, H. Tarawneh, "Efficient Big Data Transfer Technique for Static Routing Networks", *International Journal of Applied Engineering Research* ISSN 0973-4562 V.(12), No. 9(2017), pp. 2071-2078.
24. K. Kaabneh, H. Tarawneh, I. Alhadid, "Cybercrimes, Real or Meth?" In the proceedings of the 2nd International Computer Sciences and Informatics Conference (ICSIC 2017) (ICSIC CFP 2017), September 23-24, 2017.
25. K. Kaabneh, H. Tarawneh, I. Al-Hadid, "Dynamic Service Oriented Architecture Quality of Service Driven" *International Journal of Information Systems and Computer Sciences*, Vol.7. No.1, Pages: 16-22 (2017).
26. K. Kaabneh, H. Tarawneh, I. Al-Hadid, "Comparison of 2D-DCT with Linear Quantization and DWT Image Compression" *International Journal of Information Systems and Computer Sciences and Engineering*, Vol.7. No.1, Pages: 30-35, 2017.
27. H. Tarawneh, K. Kaabneh, I. Al-Hadid, "Investigating of Simulated Annealing Components to Solve the University Course Timetabling Problem" In the proceedings of the 2nd International Computer Sciences and Informatics Conference (ICSIC 2017) (ICSIC CFP 2017), September 23-24, 2017.
28. K. Kaabneh, H. Tarawneh, I. Alhadid, "Cybercrimes, Real or Meth?" *International Journal of Science and Applied Information Technology*, Vol.7. No.1, Pages: 23-29 (2017)
29. Alhadid, I., Kaabneh, K., Jafar, H., "Hybrid simulated annealing with Meta-Heuristic Methods to Solve UCT Problem", *Modern Applied Science Journal*, Vol. 12, No. 11, Pages: 366 -375, ISSN 1913-1844 (2018).
30. Hamad, I., Kaabneh, K., Younis, H., Alhroob, A. Investigation of Simulated Annealing Components to Solve the University Course Timetabling Problem, *Italian Journal of Pure and Applied Mathematics* (Accepted). (2019).
31. I. Hadid, K. Kaabneh, "Arabic Language Handwriting Recognition: Deep Learning Adaption Roadmap", third International Computer Science and Informatics Conference, April. 2019.
32. S. Salahat, K. Kaabneh, "Histogram-based Fuzzy c-means Clustering Algorithm with Kalman Back-Propagation Neural Network for Detect Tomato Leaves Disease", 3rd International Computer Science and Informatics Conference, April. 2019.
33. R. Hwaidi, K. Kaabneh, "Unique Hash Values for Each User and Data Storage in Cloud Computing", 3rd International Computer Science and Informatics Conference, April. 2019.

34. N. Alhakkak, K. Kaabneh, "a Hybrid Algorithm for Disk Scheduling Optimization (PRG) Algorithm", third International Computer Science and Informatics Conference, April. 2019.
35. R. Hamdallah, K. Kaabneh, "Encryption Standard (AES) Key Generation Using SHA-256 for Secure Data in Cloud Computing", third International Computer Science and Informatics Conference, April. 2019.
36. J. Shawiki, K. Kaabneh, "Comparative Study between Different Image Compression Algorithms", third International Computer Science and Informatics Conference, April. 2019.
37. M. Jasim, K. Kaabneh, "Caries Detection in Panoramic Dental X-ray Images Using Support Vector Machine", third International Computer Science and Informatics Conference, April. 2019.