PERSONAL INFORAMTION

AbdulMalik S. Al-Salman, Prof.
Computer Science Department
College of Computer and Information Sciences
King Saud University
Saudi Arabia
Mobile (+966) 554448818
salman@ksu.edu.sa; a_assalman@yahoo.com

Experienced Saudi professor specializing in computer science and related fields, with a strong background in academic leadership, research, and IT consultancy. Known for contributions to Arabic NLP, OCR, and Braille recognition systems. Proven track record in strategic planning and extensive publication history.

EDUCATION

Ph. D.   Computer and Information Sciences
Oklahoma State University, Stillwater, USA. Aug., 1996.
Prince Bander Bin Sultan Prize For Academic High Achievements.

M.S.   Computer Science
University of Georgia, Athens, USA. July, 1992

B.Sc.   Computer Science
King Saud University, Riyadh, Saudi Arabia. May, 1988. First Class Honor

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TEACHING EXPERIENCE

CSC 107	Introduction to computing
CSC 112	Computer Programming -1
CSC 150	Computer Programming I
CSC 212	Data Structures
CSC 332	Introduction to Compilers and Assemblers
CSC 336	Compiler Construction
CSC 428	Computer Arabization
CSC 493	Selected Topics in Computer Sciences
CSC 496	Graduation Project -1
CSC 497	Graduation Project -2
CSC 564	Image Processing
CSC 598	Master Graduation Project -1
CSC 599	Master Graduation Project – 2
CSC 600	Master Thesis
CSC 669	Independent Studies in CS (Ph. D.)

CSC 700   Ph. D. Thesis
---------   Ph. D. Thesis in IT – Education College
Supervised more than 20 Master and Ph.D. students.

EMPLOYMENT HISTORY

Teaching Assistance in CS	1988-1997
Assistant Professor in CS	1997-2004
Associate Professor in CS	2004- 2008
Full professor in CS	2008- now
(The Fist Saudi Full professor in CS)	
Computer Science Chairman	2003-2007
Vice Dean for Development and Quality	2007- 2009
The General Secretary, KSU Scientific Council	2012-2013
Consultant at many institutions (See next)	

CONSULTATIONS AND WORK EXPEREINCE

o **Programmer and Systems Analyst,** Computer Center, Saudi Royal Navy Forces, Riyadh, Saudi Arabia. 1986-1988.
o **Teaching Assistant,** Computer Science Department, College of Computer and Information Sciences, King Saud University, Riyadh. 1988 - 1989.
o **Supervision on Parallel Virtual Machine System,** Computer Science Department, University of Georgia, Athens, USA. 1991 - 1992.
o **Supervision on Computer System and Software,** Saudi Student House, Stillwater, USA. 1994 - 1996.
o **Assistant Professor,** Computer Science Department, College of Computer and Information Sciences, King Saud University, Riyadh. 1996 - 2003.
o **Associate Professor,** Computer Science Department, College of Computer and Information Sciences, King Saud University, Riyadh. 2004 - 2008.
o **Full Professor,** Computer Science Department, College of Computer and Information Sciences, King Saud University, Riyadh. 2008 - now.
o **Supervisor of the cultural activities in the College.** 1997- 2000.
o **Member of the University and society committee.** 1997-1998.
o **Member of the department curriculum committee.** 1997-1998.
o **Supervisor of the promotion positions for data-entry, system operators, and programmers in King Saud University.** 1997.
o **Head of the Translation Committee in the Department.** 1997- 2001.
o **The Academic Supervisor of the department students.** 1997- 2007.
o **Representative of the Department in the College Council.** 1998-1999.
o **Reviewer of the Computer Curriculum and textbooks of the General Organization for Technical Education and Vocational Training.** 1998 -1999.
o **Supervisor of the Registration affairs at the college level.** 1999 - 2007.
o **A Consultant at the Prince Sultan College.** 2000 - 2001**.**
o **A Consultant at the General Secretariat of Special Education.** 2000 – 2003.
o **Coordinator of the IT strategic plan for Riyadh Schools.** 2002-2003.

- A member in the National IT Plan for Saudi Arabia. 2002-2003.
- The Principal Investigator for a project at Prince Salman Center for Disabilities titled "Design and Implementation of an Arabic Environment for the Visually Impaired people". 2003- 2006.
- A member in the Research Center Council at CCIS, KSU. 2002-2003.
- The chairman of Computer Science Department. 2004 – 2007.
- The main Academic Consultant for AlWatan College for Sciences and Engineering. 2003-2004.
- A member in the National Committee for enhancing the IT Education in Public Schools. 2003- 2007.
- Part time consultant at the Ministry of Higher Education –IT Sector. 2004-2008.
- The Chairman of the Scientific Committee for the First IT National Conference 2005.
- A member of the research project: Romanization of Arabic Names system, KACST. 2004-2006.
- A member of the research project: Translating text into Sign Language, KSU. 2005 - 2008.
- A member of the research project: An Efficient Arabic Search Engine, KACST. 2005 – 2006.
- The Principal Researcher for the Project: Arabic Optical Braille Recognition System, KACST. 2005 – 2007.
- The Principal Researcher for the Project: Studying and analyzing the correlation between the performance of students in the basic courses in CCIS and their performance in the High School & Abilities Test (Qudurat), KSU. 2004 – 2005.
- The Executive Manager of the Project: Developing a curriculum for King Faisal Air Academy. 2005 – 2007.
- A member in the scientific committee, IIWAS conferees. 2005-2015.
- The Principal Researcher for the Project: Optical Braille Recognition, KACST. 2006-2007.
- The Principal Researcher for the Project: Arabic Math Editor, KACST. 2006-2007.
- The Principal Researcher for the Project: An effective Arabic Search Engine, KACST. 2006-2007.
- A member in developing curriculum for visually impaired students in the IT. 2006-2007.
- Vice Dean for Development and Quality, College of Computer and Information Sciences, KSU. 2007-2009.
- A member in the Scientific committee for the IT and National security conference, KSA. 2007.
- The supervisor of the College website. 2007-2009.
- The head of the College curricula development. 2007-2009
- The head of the college accreditation and assurance process. 2007-2009.
- A member in the University strategic planning. 2007-2009.
- A member in the consulting board for the Quran and IT conference, King Fahad Center for Printing the Holy Quran. 2007-2008.
- A member in the steering committee in IIWAS conferences. 2007-2012.
- The head of the steering committee for the IT symposiums, CCIS, KSU. 2008- 2018.
- The head of curriculum development for AlFaisal Colleges for Graduate Studies – IT part. 2009 –2010.
- A member of the KSU scientific Council. 2009 –2013.
- A consultant in planning and IT, Higher Education Ministry. 2009- 2017.
- The supervisor of Students' Activities in The CCIS-KSU. 2009- 2017.
- The head of some committees in the Scientific Council at KSU. 2010-2016.
- A member of the PhD. Committee. 2010-now
- A member in the College committee to evaluate and choose the College leaders. 2011-2014.

o **A member in the evaluation committee for the King Faisal International Prize.** 2011-2012**.**
o **The leader of the Work team of "Studying the expenditure on Scientific Research in Saudi Arabia".** 2010 –2015. Published 4 series.
o **A consultant at the KSU Scientific Council for IT affairs.** 2012 – 2013.
o **The Principal Researcher for the Project " Indoor Navigation System for Blind Arab Users". 2012 –2015.**
o **A Co- Researcher for the Project "Computer-Aided Navigation System for Visual impaired in a Specific Closed Environment: Case Study Application: King Saud University ". 2013 –2016.**
o **The General Secretary of the King Saud University Council**. 2013-2014.
o **The General Chair of the 20th Saudi Computer Society conference.** 2015**.**
o **The Co-Chair of the 4th Saudi International Conference on Information Technology, KACST**. 2016.
o **An Associate Editor, King Saud University Journal**- Computer Science. 2014-now.m
o **A member of the Scientific Council, King Khalid Military Academy. 2016-2020.**
o **A member of the Scientific Council, AlJouf University. 2018- 2021.**
o **The Principal Researcher for the Project** "Braille self-learning system for Arab users". **2018-Now**.
o **A member of the students' rights committee at the College level. 2020-now.**
o **A member of the students' rights committee at the CS department. 2022-now.**
o **The Editor-in-Chief of** the JCLALP (Journal of Computational Linguistics & Arabic Language Processing) **- https://jclalp.ksaa.gov.sa/en.html**. **2022- Now.**

PUPLICATION
(Over 140 Publications – Participated & Attended more than 70 Conferences & Workshops Worldwide)

1. Al-Salman, A. and Al-Fantookh, A., "Towards a First Arabization of the UNIX System," *B. Sc. Thesis*, Computer Science Dept., King Saud University, Saudi Arabia, 1988.
2. Al-Salman, "A Profiler for the Parallel Virtual Machine," *MS Thesis*, University of Georgia, Athens, USA, July 1992.
3. Al-Salman, A., "An Arabic Programming Environment," *Proceedings of the 1996 ACM Symposium on Applied Computing*, Philadelphia, PA, Feb. 18-20, 1996, pp. 480-486.
4. Al-Salman, A., "An Arabic Programming Environment," *Ph. D. Thesis*, Oklahoma State University, Stillwater, USA, August 1996.
5. Al-Salman, A., "A Parallel Implementation for Collecting The Internet Information," *Proceedings of the 15th National Computer Conference, Vol. 1,* KFUPM, Dahran, Saudi Arabia, Nov. 17-19, 1997, pp. 387-396.
6. Al-Salman, A. and Adeniyi, J., "Computer Science in a Saudi Arabian University: A Comparative Study of its B. Sc. Program," ACM *SIGCSE Bulletin inroads*, Vol. 32, No. 4, Dec. 2000, pp. 34-39.
7. Al-Salman, A. and Al-Khalifa, H., "الاتجاهات والتطورات الحديثة في تقنية الحاسب والإنترنت لخدمة المعاقين بصرياً", *Proceedings of the 2nd International Conference on Disability and rehabilitation,* Riyadh, Saudi Arabia, Oct. 23-26, 2000, pp. 445-458. In Arabic.
8. Al-Salman, A. and Hamed, O., "لغة لوقو التعليمية: فلسفتها وتعريبها" *Proceedings of the 16th National Computer Conference (Computer and Education),* Ministry of Education, Riyadh, Saudi Arabia, Feb. 4-7, 2001, pp. 338-346. In Arabic.
9. Al-Salman, A, "New Trends and Developments in Computer and Internet Technology for Visually Impaired People: A Survey and Usefulness in the Arab Sub-region", *8Th International Conference, ICCHP 2002,* Linz, Austria, July 2002, pp. 437 – 444.
10. Al-Salman, A, "APPE: An Arabic Environment for Teaching Parallel Programming Concepts", Egyptian Computer Society. Vol. 24, No. 2, July 2002
11. Al-Salman, A. and Al-Khalifa, H., "Towards a Computerized Arabic Braille Environment," *Software Practice and Experience*. Vol. 33. No. 6. May 2003.pp. 497-508. (ISI).
12. Al-Salman, "لوقو العربية: نظام برمجي تعليمي متكامل مبني على فلسفة لوقو", *Egyptian Computer Science Journal*. July 2003. In Arabic.
13. Al-Salman, A., et al "Simulating Web-Chatting Using Mobile SMS in Saudi Arabia.", The Second International Conference on Advances in Mobile Multimedia (MoMM2004), Bali, Indonesia, Sep. 2004. pp. 221-225.

14. Hend AlKalifa and AbdulMalik Al-Salman "Mobile Phones For People With Disabilities: Trends And Technologies", The Third International Conference on Advances in Mobile Multimedia (MoMM2005), Kuala Lumpur, Malaysia, Sept. 2005. pp. 209-220.

15. Al-Salman, A. and Al-Qahtani, F., "GLAL: An OpenGL Arabization Library," *Software Practice and Experience*. Vol. 35. No 14. Nov. 2005. pp. 1393-1407. (ISI)

16. Al-Salman, A., "استخلاص أحكام التجويد من القرآن الكريم آليا وتحليلها إحصائيا", Educational Sciences & Islamic Studies Journal, King Saud University, Vol. 19, No 1. 1427. pp. 49-93.

17. Al-Salman, A. "**خدمات الاتصـالات وتقنيـة المعلومـات: هل يستفيد منهـا المعـاقون العرب؟**", First Kuwait International Conference on the Role of People with Special Needs in Building the Information Society, Kuwait, 1-3 May 2006.

18. Al-Salman, A. "Broadcasting Commercial Advertising Using Bluetooth Technology", International Journal of Web Information Systems, Vol. 2, No. 2, June 2006. pp. 135-141

19. Yousef Al-Ohali, AbdulMalik Al-Salman, Said A. Al-Ghamidi and Sameer I. Arif, "Interlog: An International Prolog Language", Egyptian Computer Science Journal (ECS), Vol. 28, No. 3, Spet 2006. pp. 34-46.

20. AbdulMalik Al-Salman, Yousef Al-Ohali, and Maha AlRabiah, "An Arabic Semantic Parser and Meaning Analyzer", Egyptian Computer Science Journal (ECS), Vol. 28, No. 3, Sept 2006. pp 8-29.

21. Al-Khalifa, H. and Al-Salman, A. "From Web 1.0 to Web 2.0 and Beyond: Is The Web Becoming More Accessible for People with Visual Impairments?", 8th International Conference on Information Integration and Web-based Applications & Services, Yogykarta, Indonesia, Dec. 2006. pp. 145-154.

22. AbdulMalik Al-Salman and Azmi AlEssa, "الجرائم" بعنوان الخامسة دورتها في "والأمن المجتمع" ندوة "الإلكتروني البيئي الأمن", الإلكترونية: الملامح والأبعاد, King Fahad Security College, April 15-17, 2007. pp. 611-637.

23. AbdulMalik Al-Salman, et al, "An Arabic Optical Braille Recognition System", Proceedings of the First International Conference in Information and Communication Technology & Accessibility. Hammamet, Tunisia, April 12-14, 2007. pp.81-86.

24. Al-Salman, A. et al, "نظـام حاسوبي لرومنة الأسماء العربية", The First International Symposium on Computer and Arabic Language (ISCAL – 07), Riyadh, Nov., 2007. pp. 214-227.

25. Al-Salman, A. et al, "التعرف الضوئي على برايل العربي", The First International Symposium on Computer and Arabic Language (ISCAL – 07), Riyadh, Nov., 2007. pp. 175-186.

26. Al-Salman, A., AlOhali, Y. and Al-AbdulKareem L., "Trends and Technologies in Optical Braille Recognition", The Third International Conference on Information Technology (ICIT 2007), May 9-11, 2007, Amman, Jordan. Published on a CD. http://www.alzaytoonah.edu.jo/ICIT2007/Conf%20Program.doc.

27. Hend AlKalifa and AbdulMalik Al-Salman "Mobile Phones For People With Disabilities", Encyclopedia of Mobile Computing and Commerce, Edited by: David Taniar, Information Science Reference, Feb. 2007. pp. 569-575.

28. Al-Salman, A., "Advances in Telecommunications and Information Technology Services for Impaired People", the 3rd International Conference on Computer Science & Information Systems, July 23-26, 2007, Athens, Greece.

29. Al-Salman, A., "**دراسة وتحليل العلاقة بين التحصيل العلمي في المقررات الأساسية في كلية علوم الحاسب والمعلومات والتحصيل العلمي**", Research Report # 254/1428, Research Center, College of Computer & "**في الثانوية العامة واختبار القدرات العامة**", Information Sciences, King Saud University, 1428/2007.

30. Al-Salman, A. "Design and Implementation of a Computerized Arabic Braille Environment", Regional Conference on "Sharing Experience on best practices in ICT services for people with disabilities", World Health Organization, Cairo, Egypt, 13-15 Nov. 2007.

31. AbdulMalik Al-Salman, YosefAlOhali, Mohammed AlKanhal, Hazem Al-Rashed, and Bander Al-Sulami, "Translating Arabic Braille Into Text", 9th International Conference on Information Integration and Web-based Applications & Services (IIWAS 2007), Jakarta, Indonesia, 3-5 Dec. 2007. pp. 357-366.

32. AbdulMalik Al-Salman, YosefAlOhali, Mohammed AlKanhal, Hazem Al-Rashed, and Bander Al-Sulami, "Mubser: A Bilingual Braille to Text Translation with an Arabic Interface", International Journal of Web Information Systems, Vol. 3, No. 3, 2007. pp. 257-271.

33. Iehab AL-Rassan, AbdulmalikAL-Salman, Abdulrhman Al-Khnaifer, "SMS-SMTP Gateway For Mobile Messaging", The Fifth International Conference on Advances in Mobile Multimedia (MoMM2007), Jakarta, Indonesia, 3-5 Dec. 2007. pp. 217-226.

34. Al-Salman, A., "A Bi-directional Bi-Lingual TranslationBraille-Text System", to appear in the Journal of King Saud University (Computer and Information Sciences), King Saud University, Riyadh, Saudi Arabia. Vol. 20. Jan. 2008. Pp. 13-27.

35. Al-Salman, A. and Gannoni, S., "**عولمة التعليم الجامعي والتجربة المحلية**", The Second Meeting for Vice Rectors for Academic Affairs, King AbdulAziz University, Jeddah, Saudi Arabia, 17-18/3/1429H. http://www.kau.edu.sa/centers/spc/meeting/.

36. Gannoni, S. and Al-Salman, A., "The Internationalization and the Curriculum Accreditation", Workshop on Universities between International Ranking & Accreditation, KSU, Riyadh, 1-2/6/2008.

37. Al-Saleh, A., El-Zaart, A. , and Al-Salman, A., "Dot Detection of Optical Braille Images for Braille Cells Recognition", *11[Th] International Conference, ICCHP 2008,* Linz, Austria, July 2008, pp. 821 – 826.

38. AlAjlan, A., AlKhalifa, H., AlSalman, A., "Towards the Development of an Automatic Readability Measurements for Arabic Language", 3rd International Conference on Digital Information Management (ICDIM 2008), London, UK, Nov. 2008.

39. AlAjlan, A., AlKhalifa, H., AlSalman, A., "أداة لقياس مستوى مقروئية النصوص العربية آلياً", International Symposium on Arabic Computational Linguistics, Tlemcen, Algeria, Nov. 2008.

40. Al-Qabbany, A; Al-Salman, A.; Almuhareb, A. "An Automatic Construction of Arabic Similarity Thesaurus", 3rd IEEE International Conference on Arabic Language Processing (CITALA2009), Rabat, Morocco, May 4-5, 2009.

41. Harrag, Fouzi; Hamdi-Cherif Aboubekeur; Al-Salman, AbdulMalik; El-Qawasmeh, Eyas, "Experiments in Improvement of Arabic Information Retrieval", 3rd IEEE International Conference on Arabic Language Processing (CITALA'09), ,Rabat,Morocco, May, 4-5, 2009. Received the best paper award.

42. AlAjlan, A., AlKhalifa, H., Al-Salman, A., "استخدام تقنيات التعلم في حساب مقروئية النصوص العربية", The 5th International Conference for Computer Science Practice in Arabic, Rabat, Morocco, 10-13 May 2009.

43. Harrag, Fouzi; Hamdi-CherifAboubekeur; Al-Salman, AbdulMalik, "*Applying Topic Segmentation Algorithms on Arabic Language*", The 5th International Conference for Computer Science Practice in Arabic, Rabat, Morocco, 10-13 May 2009.

44. Al-Eidan, Rasha; Al-Khalifa, Hend; Al-Salman, AbdulMalik. "*Towards the Measurement of Arabic Weblogs Credibility Automatically,*" 11th International Conference on Information Integration and Web-based Applications & Services (IIWAS 2009), Kuala Lumpur, Malaysia, Dec. 14-16, 2009.

45. Fouzi Harrag, Eyas Al-Qawasmah, AbdulMalik S.Al-Salman. "A Comparative Study of Statistical Feature Reduction Methods for Arabic Text Categorization". The 2nd International Conference on Networked Digital Technologies (NDT2010). Charles University, Prague, Czech Republic. July 7-9, 2010. Pp. 676-682.

46. Rasha Al-Eidan,Hend Al-Khalifa, AbdulMalik S. Al-Salman. "Measuring The Credibility of Arabic Content in Twitter". 5th International Conference on Digital Information Management (ICDIM 2010). Thunder Bay, Canada. July 5-8 2010.

47. Fouzi Harrag, Eyas Al-Qawasmah, AbdulMalik S.Al-Salman. "Comparing Dimension Reduction Techniques for Arabic Text Classification using BPNN algorithm". 1stInternational Conference on Integrated Intelligent Computing (ICIIC 2010). Bangalore, India. August 5-7, 2010.

48. AbdulMalik S. Al-Salman, Ali El-Zaart, Yousef Al-Suhaibani, Khaled Al-Hokail, Abdulaziz O. Al-Qabbany. "An Efficient Braille Cells Recognition". The 6th International Conference on Wireless Communications, Networking and Mobile Computing (WICOM 2010), Chengdu, China. Sept. 23-25, 2010.

49. Fouzi Harrag, AbdulMalik Salman Al-Salman, Mohammed BenMohammed. "A Comparative Study of Neural Networks Architectures on Arabic Text Categorization Using Feature Extraction". The 1st International Conference on Machine and Web Intelligence (ICMWI'2010). Algiers. October 3-5, 2010.

50. Al-Rabiah, Maha S. Al-Salman, AbdulMalik. "An XML-based semantic parser for traditional Arabic". The 4th IEEE International Universal Communication Symposium (IUCS 2010), Beijing, China. October 18-19, 2010.

51. Nora I. Al- Rajebah, Hend S. Al-Khalifa, and AbdulMalik S. Al-Salman. "Building Ontological Models from Arabic Wikipedia: A Proposed Hybrid Approach", 12th International Conference on Information Integration and Web-based Applications & Services (IIWAS 2010) – ERPAS, France, Nov. 8-10, 2010.

52. AbdulMalik Al-Salman and Abu SarwarZamani. "Billet optimization for steering knuckle using Taguchi Methodology". The 2010 International Congress on Computer Applications and Computational Science (CACS 2010), Singapore. 4-6 December 2010.

53. Harrag, Fouzi; Hamdi-CherifAboubekeur; Al-Salman, AbdulMalik "Comparative Study of Topic Segmentation Algorithms Based on Lexical Cohesion: Experimental Results on Arabic Language", the ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, Vol. 35, No. 2c, Dec. 2010.

54. Harrag, Fouzi; Hamdi-Cherif Aboubekeur; Al-Salman, AbdulMalik; El-Qawasmeh, Eyas. "Evaluating the Effectiveness of VSM model and Topic segmentation in Retrieving Arabic Documents". The International Journal of Computer Systems Science and Engineering, Vol. 26, No. 1, Jan 2011.

55. AbdulMalik AlSalman, Ibrahim AlSaab, AbdulAziz AlQabbany, " التحليل الإحصائي الآلي لأبرز الأحكام التجويدية في القرآن الكريم". The Annual International Qur'anic Conference, Kuala Lumpur, Malaysia. Jan. 11-12, 2011.

56. Wafa AlSaleh, AbdulMalik AlSalman, Ali ElZaart, and Mohammad Mostafa. "An Educational Software in Computer Skills for Visually Impaired Arabic-speaking Students", the 26th Annual International Technology & Persons with Disabilities Conference, San Diego, USA. March 14-19, 2011.

57. Fouzi Harrag, Eyas El-Qawasmeh, AbdulMalik Al-Salman. "Stemming as Feature Reduction Technique for Arabic Text Categorization". The IEEE 10th International Symposium on Programming and Systems (ISPS'2011), ALGIERS, ALGERIA, April 25 - 27, 2011.

58. Fouzi Harrag, AbdulMalik Al-Salman, Eyas El-Qawasmeh. "تصنيف نصوص الأحاديث النبوية الشريفة بالاعتماد على الاشتقاق كتقنية لاستخراج الميزات". 7th International Computing Conference in Arabic. Riyadh, Saudi Arabia. May 31- June 2, 2011. In Arabic.

59. Nora Alrajebah, Hend Al-Khalifa and AbdulMalik Al-Salman. "الطريق إلى حوسبة ويكيبيديا العربية: الآمال و التطلعات". 7th International Computing Conference in Arabic. Riyadh, Saudi Arabia. May 31- June 2, 2011. In Arabic.

60. AbdulMalik S. Al-Salman, Ali El-Zaart, and Abdu Gomai; "A New Approach for Adjusting Braille Image Skewness in Optical Braille Recognition", The 2nd International Conference on Software Engineering and Computer Systems. Pahang, Malaysia, June 27-29, 2011.

61. Fouzi Harrag, Eyas El-Qawasmeh, AbdulMalik Al-Salman. "Extracting Named Entities from Prophetic Narration Texts (Hadith)". The 2nd International Conference on Software Engineering and Computer Systems. Pahang, Malaysia, June 27-29, 2011.

62. Nora I. Al- Rajebah, Hend S. Al-Khalifa, and AbdulMalik S. Al-Salman; "Exploiting Arabic Wikipedia for Automatic Ontology Generation: A Proposed Approach".STAIR'11: International Conference on Semantic Technology and Information Retrieval, Putrajaya, Kuala Lumpur, Malaysia, June 28-29, 2011.

63. Amany Al-Saleh, Ali El-Zaart and Abdul M. Al-Salman; "Dot Detection of Braille Images Using A Mixture of Beta Distributions." Journal of Computer Science, Volume 7, Issue 11. Sept. 2011. Pp. 1749-1759.

64. Afnan A Al-Subaihin, Hend S Al-Khalifa, AbdulMalik S Al-Salman. "Sentence Boundary Detection in Colloquial Arabic Text: A Preliminary Result", International Conference on Asian Language Processing (IALP), Penang, Malaysia. Nov. 15-17 2011.

65. Afnan Al-Subaihin, Hend Al-Khalifa and Abdulmalik Al-Salman; "A Proposed Sentiment Analysis Tool for Modern Arabic Using Human-Based Computing", IIWAS/MoMM 2011 MDC, Ho Chi Minh City, Vietnam, Dec. 5-7, 2011.

66. Mai Al-Ammar, Hend Al-Khalifa and Abdulmalik Alsalman; "A proposed Indoor Navigation System for Blind Individuals"; ", IIWAS/MoMM 2011 MDC, Ho Chi Minh City, Vietnam, Dec. 5-7, 2011.

67. Abulrahman Alarifi, Issa Alkurtass, and AbdulMalik Al-Salman, " Arabic Text-Dependent Speaker Verification for Mobile Devices Using Artificial Neural Networks"; 1st International Workshop on Machine Learning Algorithms, Systems and Applications, joint with The 10th International Conference on Machine Learning and Applications (ICMLA'11), Honolulu, Hawaii, USA, December 18-21, 2011.

68. *Fouzi Harrag, Abdul Malik Salman Al-Salman, Eyas El-Qawasmah; "Feature Extraction for Prophetic Traditions Texts Classification".* Journal of **Communications of the ACS,** VOL 4, NO 2, 2011.

69. Abulrahman Alarifi, Issa Alkurtass, and AbdulMalik Al-Salman, " Arabic Text-Dependent Speaker Verification for Mobile Devices Using Artificial Neural Networks"; International Journal of the Physical Sciences Vol. 7(7), pp. 1073 - 1082, February, 2012. Available online at http://www.academicjournals.org/IJPS.

70. Abdulrahman Alarifi; Issa Alkurtass; Abdulmalik S. Alsalman, "SVM based Arabic speaker verification system for mobile devices," International Conference on Information Technology and e-Services (ICITeS). March 2012. Sousse, Tunisia.

71. Fouzi Harrag, AbdulMalik Salman AlSalman, "Statistic-Based Approach for the Assessment of a Corpus of "Hadith""; 4th International Conference on Arabic Language Processing, May 2–3, 2012, Rabat, Morocco.

72. AbdulMalik S. AlSalman, Ali El-Zaart, Saleh A. Al-Salman, Abdu Gumaei; "A Novel Approach for Braille Images Segmentation". The 3rd International Conference on Multimedia Computing and Systems (ICMCS'12), May 10-12 2012, Tangier, Morocco.

73. AbdulMalik S. AlSalman and Wafa AlSaleh, "برنامج تعلم طريقة برايل العربي المطور للمبصرين إلكترونيا"، International Conference on ICT in Serving Individuals with Disabilities and Learning Difficulties (icdd2012)**,** May 20-22 2012, Kuwait. In Arabic.

74. Abdulrahman Alarifi, Mansour Alsaleh, AbdulMalik Al-Salman; "Security Analysis of Top Visited Arabic Web Sites"; The 15th International Conference on Advanced Communications Technology (ICACT2013), January 27-30, 2013, Phoenix Park, PyeongChang, Korea.

75. Maha Alrabia, AbdulMalik AL-SALMAN, Eric ATWEL. "The design and construction of the 50 million words KSUCCA King Saud University Corpus of Classical Arabic." Second Workshop on Arabic Corpus Linguistics (WACL-2). Workshop in conjunction with the Corpus Linguistics 2013 conference. 22nd July 2013 – Lancaster University, UK.

76. Mansour Alsaleh, Abdullah Alqahtani, Abdulrahman Alarifi, and AbdulMalik Al-Salman. 2013. "Visualizing PHPIDS log files for better understanding of web server attacks." In Proceedings of the Tenth Workshop on Visualization for Cyber Security (VizSec '13), John Goodall, Kwan-Liu Ma, Sophie Engle, and Fabian Fischer (Eds.), ACM. October 14, 2013, Atlanta GA, USA, pp.1-8.

77. Abeer Bayousuf, Hend S. Al-Khalifa and AbdulMalik Al-Salman. "Towards The Development of Haptic-Based Interface for Teaching Visually Impaired Arabic Handwriting." The 15th ACM SIGACCESS International Conference on Computers and Accessibility. 21-23 Oct. 2013. Bellevue, Washington, USA.

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CURRENT RESEARCH INTRESTS

- Programming Languages and their Compilers.
- IT Arabization.
- IT for disabled (Assistive Technologies).
- IT Education.
- Building IT curricula
- Deep Learning

HONOR AND PRIZES

- First Rank in Saudi Arabia – high School - 1983.
- The Ideal Student at King Saud University - 1987.
- The First position in the Annual Cultural Contest at KSU – 1988. The prize was a car.
- First Class Honor – BS – KSU – 1988.
- Prince Bander Bin Sultan Prize For Academic High Achievements for Ph. D. – 1996.
- The Gold Medal for Excellent Reviewer – KACST – 2007.
- The Gold medal from WIPO – Jeddah Expo – 2010.
- Gold medal – Malaysia Expo for Innovations – 2011.
- Silver medal – Geneva Expo for Inventors – 2011.
- Patent filed US 8885193 - USA – Nov. 11, 2014, under the name **"Braille–to Braille Facsimile Machine Using Image Processing"**
- Patent filed **US 9875670 B2** – USA – Jan. 2018, under the name **"Braille Copy Machine Using Image Processing"**