

BRIEF CURRICULUM VITEA (CV)

1. PERSONAL DATA

Full Name	:	SALEH ALI KHATTAP ALOMARI
Nationality	:	JORDAINIAN
Current Position	:	ASSISTANT PROFESSOR AT JADARA UNIVERSITY
		(Assistant Dean of the Faculty of Science and Information Technology for Student Affairs & Quality Assurance. Head of the Software Engineering Department)
Qualifications Field:	:	PhD Computer Science
Specialization	:	Multimedia, Networking VoD System over Mobile Wireless Network and MANET's, Mobility System, Broadcasting and Caching.
New Interesting Area	:	Artificial Intelligence, Image Processing, Medical Diagnosis, Software Engineering.
Address	:	Faculty of Science and Information Technology, Jadara University, 733, Irbil 21110, Jordan.
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Scholar.google.com	:	https://scholar.google.com/citations?user=m_9f8vIAAAAJ&hl=en
Researchgate.net	:	https://www.researchgate.net/profile/Saleh_Alomari
ORCiD	:	https://orcid.org/0000-0001-8330-3223



2. ACADEMIC QUALIFICATION

Degree	Topic	Year	University
PhD	A Video on Demand System for Heterogeneous Wireless Mobile Networks	2013	Universiti Sains Malaysia, Penang, Malaysia.
M.Sc.	Digital Recognition using Neural Network	2007	Universiti Sains Malaysia, Penang, Malaysia.
B.Sc.	A Guiding Film for Instructions of Having a Driver License using Visual Basic and Flash MX	2005	Jerash University, Jordan

- **JERASH UNIVERSITY, JORDAN**

B.Sc. of Science Computer (in February 2005)

Adviser: Associate Professor Dr. Dr Mohamed Maitah

Area of Study: Multimedia System, Digit recognition.

Cumulative average: 79.3 %, Very Good

Thesis: “A guiding film to show the instructions of having a driver license by using visual basic language to computerize license authority system and flash MX program to draw the building of this authority with animation to transport from level to another”.

- **UNIVERSITI SAINS MALAYSIA, PENANG, MALAYSIA**

Master of Science (Computer Science) submitted and presented the final project on 30 May 2007. (Convocation In August 2007)

Adviser: Associate Professor Dr. Putra Sumari

Area of Study: Multimedia System, Digit recognition.

Cumulative average: 3.1, Very Good

Thesis”: Handwritten digit recognition is an extremely active research area, because of its important role in automation and human-machine interaction. Conventional systems that deals with digits are no more useful, since the systems nowadays are computerized which enables the ease of communication between the user and computer. There are many applications in real life that uses numbers such as postal zip code, numbers in application forms, car plates, bank checks, and another. From here we need for Arabic digit recognition system of using in many applications”.

This project focuses on off-line isolated handwritten Arabic digit recognition. We will try to

present a system for dealing with such problem. The system started by acquiring an image containing digits, this image is digitized using some optical devices, and after applying some enhancements and modifications to the digits within the image it can be recognized using feed forward back propagation algorithm. An overall accuracy meet using this system was 95% on the test data set used.

- **UNIVERSITI SAINS MALAYSIA, PENANG, MALAYSIA**

P.hD (Computer Science) finish viva on 25 April 2013. (Convocation In September 2013)

Thesis: “ VIDEO ON DEMAND SYSTEM FOR HETEROGENEOUS MOBILE WIRELESS NETWORKS”

Adviser: Associate Professor Dr. Putra Sumari

Area of Study: Multimedia System, Mobility System, Broadcasting and Caching

3. WORK EXPERIENCE

- Head of the Software Engineering Department, Jadara University, Irbid, Jordan 2019/2020
- Assistant Dean of the Faculty of Science and Information Technology for Student Affairs & Quality Assurance, Jadara University, Irbid, Jordan 2019/2020.
- Chairman of the Supervising Committee for scientific competitions, Jadara University, Irbid, Jordan 2014-2020. (ieeextreme, ACM, ACPC, JCPC, ArabellaCPC...etc)
- Member of the Proficiency Examination Committee, Academic Development and Quality Assurance Committee, Committee of Study Plans and Equivalence of Courses and Examinations at the College, Jadara University, Irbid, Jordan 2017-2020.
- Director of the University's qualification and Development Center, Quality Center 2019 - 2020.
- Head of Computer Networks Department, Jadara University, Irbid, Jordan 2014-2016
- Teacher at Faculty of Science and information Technology at Jadara University from 1/9/2013 until now, with the current Main Research Field are the multimedia system and networking.
- Managing director of ICT Technology and Research and Development Division (R&D) in D&D Professional Consulting Company, Malaysia from 2010-2013.

- ACM Programming Trainer (Advance Problems and Solutions) International Collegiate Programming Contest.
- School teacher in Ministry of Education from 4/9/2005 to 21/2/2006.
- Computer maintenance trainer in Alnajar center for two years.
- ICDL trainer in Alnajar center for two years.
- Internet supervisor in Yahoo internet (maintenance for the network) center for one year.
- Managing Director of Research and Development Division (R&D) in D&D Professional Consulting Company. (Malaysia)
- Research officer for the following projects:
 - i. The project entitled "Mobile Video on Demand System".
 - ii. The project entitled "Video Placement Scheme for Solid State Disk (SSD) based Storage System".
 - Consultation and planning of purchasing and installing "server" for the system above.
 - Develop programs and designing the "Video on Demand system over Mobile Ad hoc Network".
 - Design and administer the website for multimedia computing research laboratory (www.mcrg.cs.usm.my), School of Computer Science.
 - Manage the registration papers for all student publications under my supervision. Such as (editing research papers, the selection of important journals or conferences, to revise the registration fee and presentations).

4. Conference Committees:

- Local Conference Chairs, ICSDAA-2019, 1st – 3rd December , 2019 at Jadara University, Jordan.
- Conference Chairs, Scientific Committee, ICSDAA-2020, 6-8 December, 2020 at Canadian University of Dubai (CUD).
- Member Technical Program Committee (TPC), International Conference on Intelligent Engineering and Management (ICIEM)-2020, at London, UK under IEEE United Kingdom and Ireland Section, on the dates 22-24, April, 2020.

5. AWARDS

- 1.** Best Researcher/ Publisher at the faculty of Science and Information Technology, Jadara University, 2019. (For the highest number of researches and the highest percentage of citations).
- 2.** Best Researcher/ Publisher at the faculty of Science and Information Technology, Jadara University, 2018. (For the highest number of researches and the highest percentage of citations).
- 3.** Best Researcher/ Publisher at the faculty of Science and Information Technology, Jadara University, 2017-2018.
- 4.** Recipient of Excellence in Teaching Award-2018.
- 5.** Best Project in the 8th National Technology Parade in 29th April 2015 at Jordan University. “Smart Parking System”.
- 6.** Research officer and assistant for the above tasks, for 12 months starting from January 2011 to December 2011, with Prof. Dr. Putra, Sumari, RM 12,000.00.
- 7.** Research officer and assistant, for 9 months starting from Jan 2013 to September 2013, with Prof. Dr. Putra, Sumari.
- 8.** Best Paper Award – Computer Science Postgraduate Colloquium, Universiti Sains Malaysia (USM), Penang, MALAYSIA.
- 9.** High Impact Factor Paper – Computer Science Postgraduate Colloquium 2011, Naza Talyya Hotel, Universiti Sains Malaysia (USM), Penang, Malaysia, 5-6 July 2011
- 10.** Two High Impact Factor Paper – Computer Science Postgraduate Colloquium 2012, lecture Hall A, Universiti Sains Malaysia (USM), Penang, Malaysia, 16-17 July 2012.
- 11.** Best Paper Award – World Academy of Science Engineering and Technology, International

Conference on Computer Networks and Security (ICCNS 2011), Paris, France, 14-16 Nov 2011.

12. Best Paper Award- *Transactions on Internet and Information Systems (KSII)*, (in Multimedia and Communication), Effective Broadcasting and Caching Technique for Video on Demand over Wireless Mobile Network. Vol. 6, No. 3, pp. 919- 940, March 25, 2012.

6. SKILLS AND QUALIFICATIONS SUMMARY

- Good knowledge in the maintaining of different computers (Hardware + software).
- Good knowledge in computer networks.
- Intellectually curious and fast learner of new skills.
- The process of planning and creating a website
- Good experience in all third Generation languages Like Basic, Pascal, Fortran, C++, C#, Prolog etc.
- Excellent communication and organization skills.
- Effective problem solver with ability to handle multiple tasks simultaneously.
- Strong experience in technical writing, mathematical modeling, articles and lectures presentations.
- Expertise of using research tools such as latex on Winedit, MikteX, Matlap,
- Photoshop, open office, etc.
- Strong experience in Networking Video-On-Demand System over Mobile Wireless Network and MANET's, Mobility System, Broadcasting and caching, etc.

7. SESSIONS

- Flash program and designing websites.
- Java programming language.
- C++ programming language.
- Oracle 9i,10g...
- ICDL course.

- Mathlab
- Omnet++, NS2 and CSIM++ simulators

8. LANGUAGES

- 1. Arabic:** Mother Language.
- 2. English:** Excellent command writing, reading and speaking.
- 3. Bahasa Malayu:** Good command writing, reading and speaking.

9. CURRENT RESEARCHS AND PAST RELATED RESEARCHS:

	Areas	Topics
1.	Multimedia Applications	<ol style="list-style-type: none"> 1. Video on demand system in wireless mobile network and Mobile Ad hoc Network. 2. Video-on-Demand Broadcasting protocol. 3. Mobility System. 4. Caching techniques 5. Video/Audio Translation between SIP/IAX and RSW Protocols
2.	Software Engineering	<ol style="list-style-type: none"> 1. Requirement Engineering 2. Process Standard and Methodology
3.	Past related researches	<ol style="list-style-type: none"> 1. Peer to Peer media streaming system. 2. Digital recognition/image processing. 3. Video Conferencing System. 4. Data Scheduling and Placement 5. Video Allocation Algorithm
4.	New Interesting Area	<ol style="list-style-type: none"> 1. Artificial Intelligence 2. Image Processing 3. Medical Diagnosis

10. ACHIEVEMENTS

Publications : 2 book chapters, 34 journals, 12 international Conference proceedings, 1 national Conference proceedings, 7 Journals under review, and 4 papers under process.

11. RESEARCH PUBLICATIONS:

Chapter of Book:

1. Saleh Ali Alomari and Putra Suamri, "Multimedia Applications for MANETs over Homogeneous and Heterogeneous Mobile Devices" to appear in book chapter 22 of Wireless Communications and Networks – Recent Advances, InTech Open Access Publisher. 2011. ISBN [978-953-51-0189-5](#), pp. 571-596.
2. Saleh Ali Alomari and Putra Suamri, "Broadcasting Technique for Homogenous and Heterogeneous Mobile Video on Demand System, to appear in book chapter of Multimedia Wireless Communication, InTech Open Access Publisher. 2017. ISBN 979-953-307-394-0 (3rd round review, March 2018).

Publish in Journals (Citation Indexed)

1. Saleh Ali Alomari and putra Sumari.,(2012), A Novel Optimized Design of Popularity Cushion Staggered Broadcast over Video on Demand System, International Journal of the Physical Sciences (IJPS), Vol. 7, No, 9, pp. 1435-1453, 23 Feb, 2012. DOI: 10.5897/IJPS11.1399 (ISI Indexed Journal; **Impact Factor: 0.554**).
2. Saleh Ali Alomari and putra Sumari., (2012), Effective Broadcasting and Caching Technique for Video on Demand over Wireless Mobile Network. KSII Transactions on Internet and Information Systems (TIIS), VOL. 6, NO. 3, Mar 2012, pp. 919- 940, March 25, 2012. (**ISI Indexed Journal; Impact Factor: 0.164**)
3. Saleh Ali Alomari, Vaithegy Doraisamy and Putra Sumari, (2011) “An Effective Neighborhood Initial-Playback Based Caching Scheme for Video on Demand over Mobile Ad Hoc Network”, International Journal of Computer Theory and Engineering (IJCTE) Vol. 4, No.4, pp.500-504
4. ALOMARI, S. A. & SUMARI, P. (2010) An overview of Mobile Ad Hoc Networks For The Existing Protocols and Applications. The International Journal on Applications of Graph Theory in Wireless Ad hoc Networks and Sensor Networks (GRAPH-HOC), Vol.1, No.1, pp. 87 – 110.

5. ALOMARI, S. A., SUMARI, P & Mohammad Azmi Q. Al-Madi (2010) A New Peer to Peer Caching Techniques for transmission The Video over Wireless Ad Hoc Network. IJCSIS) International Journal of Computer Science and Information Security, Vol. 8, No. 3, pp. 240-245. [Citation Indexed ISI Journal][0.423] (**Impact Factor 0.423**).

6. ALOMARI, S. A., SUMARI, P & Sadik A. Al-Taweel, Ahmed M. Manasrah. (2010) "CUSTP: Custom Protocol for Audio and Video Conferencing System over P2P Networks", JDCTA: International Journal of Digital Content Technology and its Applications, Vol. 4, No. 3, pp. 61 ~ 74.

7. SALEH Ali. K .ALOMARI, & SUMARI, P. (2010) Spiking Neurons With Asnn Based-Methods For The Neural Block Cipher. International journal of computer science & information Technology (IJCSIT) Vol.2, No.4, August 2010.

8. SALEH Ali. K. ALOMARI., SUMARI, P., AL-TAWEEL, S. A. & HUSAIN, A. J. A. (2009) Digital Recognition using Neural Network. Journal of Computer Science, Vol. 5, No.6, pp. 427-434.

9. Sadik Ali. M. Al-Taweel, Putra Sumari, Saleh Ali K. Alomari, (2010). Robust Video Watermarking Algorithm Using Spatial Domain Against Geometric Attacks, International Journal of Computer Science and Information Security (IJCSIS), Vol. 8, No 2, pp. 51-58. (**Impact Factor 0.423**).

10. Sadik Ali M. Al-Taweel, Putra Sumari, Saleh Ali K. Alomari, Anas J.A. Husain, (2009). Digital Video Watermarking in the Discrete Cosine Transform Domain, Journal of Computer Science, 5 (8), pp. 536-543. [Citation Indexed (SCOPUS) Journal]

11. Saleh Alomari, Putra Sumari Sadik Al-Tawel, (2009) "Using Neural Key Generator to solve the Public Block Cipher" in International Journal Computer System and Security 2008 Vol. 2, No. 3, 2009.

- 12.** Vaithegy Doraisamy, Saleh Ali Alomari, Putra Sumari., (2011) Video on Demand Caching System using NIPBCS over Mobile Ad Hoc Network, JDCTA: International Journal of Digital Content Technology and its Applications, Vol.5, No.6, pp. 142 ~ 154. [Citation Indexed (SCOPUS) Journal].
- 13.** Mohammad Al-Madi, Wafaa Al Salihi, Saleh Ali Alomari, (2011), A Survey in Mobile Generations and their Mobility Management, European Journal of Scientific Research(EJSR) Inc. 2011, Vol. 58 No.1, pp.88-102 ISSN: 1450-216X / 1450-202X (EJSR).
- 14.** Saleh Ali Alomari and Putra Sumari and Alireza Taghizadeh, (2011), A Comprehensive study of Wireless Communication Technology for Mobile Devices and Mobile Ad hoc Networks, European Journal of Scientific Research (EJSR). Vol. 60, No 4, pp.583-591.
- 15.** Saleh Ali Alomari and Putra Sumari., (2011). Statistical Information of the Increased Demand for Watch the VOD with the Increased Sophistication in the Mobile Devices. Communications and Internet Penetration in Asia, International journal of Multimedia & Its Applications (IJMA), Vol.3 , No,4 .pp.183-199.
- 16.** Valliappan Raman, Putra Sumari, and Saleh Ali Alomari,(2011) Review on Mammogram Mass Detection by Machine Learning Techniques. International Journal of Computer and Electrical Engineering (IJCEE), Vol. 3, No. 6, pp. 873-879, 2011.
- 17.** Seyed Aliakbar Mousavi, Muhammad Rafie Hj and Saleh Ali Alomari (2011) An Efficient Method for Mining Event-Related Potential Patterns. International Journal of Computer Science Issues (IJCSI), Vol. 8, No.6, pp.31-38.
- 18.** Mallikka Rajalingam, Saleh Ali Alomari and Putra Sumari (2011), Prevention of Phishing Attacks Based on Discriminative Key Point Features of WebPages.

International Journal of Computer Science and Security (IJCSS), Vol. 6, No. 1, pp. 527-543.

19. Jaafer Al-Sabateen., Saleh Ali Alomari and Putra Sumari, (2012) An Overview of Video Allocation Algorithms for Flash-based SSD Storage Systems. International Journal of Advanced Computer Science and Applications (IJACSA). Vol. 3, No. 3, pp.20-25.
20. Saleh Ahmed M. Ali, Muhammad Rafie Hj Mohd and Saleh Ali Alomari. (2012). An Efficient Virtual Landmarc Algorithm to Enhance the Indoor Real Time Location System, IJACT: International Journal of Advancements in Computing Technology, Vol. 4, No. 20, pp. 156 ~ 164, 2012.
21. Hadeel Saleh, Putra Sumari and Saleh Ali Alomari (2013). A Comparative Study of VoIP Protocols. International Journal of Computer Science and Information Security (IJCSIS). Vol.11 , No.4 , pp.97-101.
22. Hadeel Saleh, Putra Sumari and Saleh Ali Alomari (2013). An Efficient Interworking between Heterogeneous Networks Protocols and Multimedia Computing Applications. International Journal of Computer Science and Information Security (IJCSIS). Vol.11, No.5, pp.81-86.
23. Obaida Al-hazaimah, Saleh Ali Alomari, Jamal Alsakran, Nouh Alhindawi (2014) Across Correlation- New Bsed Technique for Speaker Recognition. International Journal of Academic Research. Vol. 6, No.3, pp. 232-239. May 30 2014. (ISI – Thomson Reuters, Scirus-Elsevier, etc).
24. Saleh Ali Alomari, Sami Hamdi Benamer, Muhammad Rafie Mohd Arshad, Hasimah Hj Mohamed4 (2014), APSEC+: AN ENHANCED SIMPLE MUTUAL AUTHENTICATION PROTOCOL FOR RFID SECURITY, International Journal of Academic Research. Vol. 6. No. 5. September, 2014 (ISI –Thomson Reuters, Scirus-Elsevier, etc).

25. Rami Dirar Malkawi, Mustafa Bani Khalaf, belal Zaqaiabah and Saleh Ali Alomari, (2015), AN ENHANCED FIRST SEGMENT CACHING SCHEME (EFSCS) FOR MOBILE AD-HOC NETWORKS BASED IN VIDEO ON DEMAND SYSTEM, International Journal of Academic Research. (ISI – Thomson Reuters, Scirus-Elsevier, etc).

26. Ahmed Izzat Alsalibi, Putra Sumari, Saleh A. Alomari and Mohammed Azmi Al-Betar., (2016), Performance And Reliability Concern Scheme for Efficient Garbage Collection and Wear Leveling On Flash Memory-Based Solid State Disk. Microsystem Technologies, doi:10.1007/s00542-016-3071-4, pp:1-15, Springer Link (Impact Factor).

27. Mowafaq Salem Alzboon, Saleh Ali Alomari, Belal Zaqaibeh, Mohammad Subhi Al-Batah (2017). The Characteristics of the Green Internet of Things and Big Data in Building Safer, Smarter, and Sustainable Cities. International Journal of Engineering & Technology., Vol. 6, No. 3 (2017). PP: 83-92.

28. Hussam Saleh Abu Karaki and Saleh Ali Alomari (2018), An Interactive Review of Object Motion Detection, Classification and Tracking Algorithms Related to Video Analysis in Computer Vision. International Journal of Engineering Research and Technology (IJASEIT). ISSN 0974-3154 Volume 11, Number 5 (2018), pp. 771-789. (SCOPUS).

29. Saleh Ali Alomari (2018) A Novel Adaptive Caching Mechanism for Video on Demand System Over Wireless Network, International Journal of Computer Networks & Communications (IJCNC). Vol.10, No.6, November 2018. (SCOPUS).

30. Mohammed Hayel Refai, Saleh Ali Alomari , Tarik Khalil, Hussam Saleh Abu Karaki, (2018)., RCuA: Rule Classification Use Association Data Mining Model For Structure And Unstructured Data., International Journal of Engineering & Technology., Vol. 7, No. 4 (2018). PP: 5659-5665

31. Hussam Saleh Abu Karaki, Saleh Ali Alomari and Mohammed Hayel Refai (2019), A Comprehensive Survey of the Vehicle Detection and Tracking Methods for Aerial Surveillance Videos. IJCSNS International Journal of Computer Science and Network Security, VOL.19 No.1, January 2019. PP: 93-106. (Thomson Reuters).

32. Mohammad Al-Batah, Belal Zaqaibeh , Saleh Ali Alomari, Mowafaq Salem Alzboon.(2019), Gene Microarray Cancer Classification using Correlation Based

Feature Selection Algorithm and Rules Classifiers., International Journal of Online and Biomedical Engineering (iJOE), Vol. 15, No. 8, 2019.

33. Shadi Shawawreh, Saleh Ali Alomari, Mowafaq Salem Alzboon, Safwan Al Salaimh, (2019), Evaluation of Knowledge Quality in the E -Learning System., International Journal of Engineering Research and Technology. ISSN 0974-3154, Volume 12, Number 4 (2019), pp. 548-553 © International Research Publication House.
34. Saleh Ali Alomari, Mowafaq Salem Alzboon, Belal Zaqaibeh, Mohammad Subhi Al-Batah., (2019) An Effective Self-Adaptive Policy for Optimal Video Quality over Heterogeneous Mobile Devices and Network Discovery Services, Applied Mathematic & Information Sciences. (Natural Science), Vol. 13, No.3, PP:489-505. (*)
35. Safwat Al Tal, Saleh Ali Alomari, Muhyeeddin Alqaraleh,. (2019) THE MODERN HOSTING COMPUTING SYSTEMS FOR SMALL AND MEDIUM BUSINESSES, Academy of Entrepreneurship Journal, Volume 25, Issue 4, 2019, ISSN: 1 1528-2686-25-4-309.
36. Mustafa Banikhalaf, Saleh Ali Alomari, Mowafaq Salem Alzboon,. (2019) An Advanced Emergency Warning Message Scheme based on Vehicles Speed and Traffic Densities, IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 10, No. 5, 2019.
37. Saleh Ali Alomari, Mowafaq Salem Alzboon, Belal Zaqaibeh, Mohammad Subhi Al-Batah (2020), Novel Adaptive Schema to Facilitates Playback Switching Technique for Video Delivery in Dense LTE Cellular Heterogeneous Network Environments. International Journal of Electrical and Computer Engineering (IJECE), (Accepted, wait to publish) (*)

Conferences and Proceedings

1. ALOMARI, S. A. K. & SUMARI, P. (2010) A Video on Demand System Architecture for Heterogeneous Mobile Ad Hoc Networks for Different Devices. 2nd International Conference on Computer Engineering and Technology (ICCET 2010). Sichuan, China, IEEE and IACSIT. IEEE 2010, Vol. 7, pp. v7- 700 – v7-707, [Citation Indexed (ISI/SCOPUS) Conference].
2. ALOMARI, S. A. K., SUMARI, P. & AL-TAWEEL, S. A. (2010) Peer to Peer Media Streaming System: A/V Conferencing System Using Custom Protocol. The

5th International Conference on Future Information Technology (FutureTech 2010). Busan, Korea, IEEE Xplore (indexed by EI), [Citation Indexed (ISI/SCOPUS) Conference]

3. ALOMARI, S. A. & SUMARI, P. B. (2010) New System Architecture for Mobility to Provides VoD Services over Heterogeneous Mobile Ad Hoc Networks. 4TH International Symposium on Broadband Communications (ISBC2010) Melaka, Malaysia, Symposium.
4. Saleh Ali Alomari, Putra Sumari, Sadik Ali Taweel and Raman Valliappan (2011), "An Efficient Popularity Cushion Staggered Broadcasting for Homogeneous and Heterogeneous Mobile Video-on-Demand System ",2011 International Conference on Wireless and Optical Communications (ICWOC 2011), Vol.4, pp.272-277 May 21 - 22, 2011 Chongqing, China. [Citation Indexed (ISI/IEEE) Conference].
5. Hadeel Saleh, Saleh Ali Alomari and Putra Sumari and (2011), "An Effective Method for Audio Translation between IAX and RSW Protocols", World Academy of Science Engineering and Technology Conference, (International Conference on Computer Networks and Security (ICCNS 2011)), ISSUE 59. pp.253-256. Paris, France. NOVEMBER 14-16, 2011.
6. Hadeel Saleh, Saleh Ali Alomari and Putra Sumari (2011), "An Efficient Audio Translation Approach between SIP and RSW Protocols", 3rd World Conference On Information Technology, (WCIT-2012). Vol. 2, pp.241-246, NOVEMBER 23-27 2012. Puplished janauary 2013 Turkey. by ELSEVIER.
7. Jaafer Al-Sabateen, Saleh Ali Alomari and Putra Sumari, (2012). Cost Benefit Processor: Video Allocation Algorithm for Flash-Based Solid State Disks. 4th WORLD CONFERENCE ON EDUCATIONAL SCIENCES (WCES-2012) 02-05 February 2012 Barcelona, Spain. [Volume 46](#), 2012, pp. 5581–5587.(published by ELSEVIER and indexed ScienceDirect, Scopus, Thomson (ISI))

8. Saleh Ali Alomari and Putra Sumari (2012). "Zero-Delay Broadcasting Protocol for Video on Demand over Mobile Ad Hoc Networks". 2nd World Conference on Innovation and Computer Sciences (INSODE-2012), Vol, 2, pp.318-326, Kusadası Izmir, Turkey. (ISSN: 1877-0509) by ELSEVIER.
9. Alomari, S; Sumari, P. and Ahmad, S. (2012). "An Interactive Proxy Server Cache Mechanism for Video on Demand system over Mobile Ad Hoc Networks. 2nd World Conference on Innovation and Computer Sciences (INSODE-2012). Published in Procedia Computer Science Journal. Vol. 2, pp. 327-334, Kusadası Izmir, Turkey. (ISSN: 1877-0509) by ELSEVIER.
10. Saleh Ali Alomari, Mohammad Al-Madi and Putra Sumari (2012). "A New Fair Load Balancing Method for Multiple Component Carriers in 3GPP LTE-Advanced System". 2nd World Conference on Innovation and Computer Sciences (INSODE-2012), Vol, 2, pp.370-378, Kusadası Izmir, Turkey. (ISSN: 1877-0509) by ELSEVIER.
11. Saleh Ali Alomari, and Putra Sumari **(2014)**. "PSCM: Proxy Server Cache Mechanism for VOD System" International Conference on Communications, Signal Processing and Computers (CSPC 2014). **Interlaken, Switzerland, February 22-24 2014**. (ISSN: 1790-5117) PP: 138-144, by ISI (Thomson Reuters), Scopus, ELSEVIER, etc.
12. Saleh Ali Alomari, Mohammad Atallah Aloudat, Linda Sameh Bani Hani and Sara Saed Alomari **(2014)**. "Design Resources Events Agents Ontology Model for Knowledge Sharing in IT Project", the International Business Information Management Conference (24th IBIMA) on 6-7 November 2014 in Milan, Italy, (ISBN:978-0-9860419-3-8). by ISI (Thomson Reuters), Scopus, etc.

Journal Articles under Review/ Process/ Accepted/ Submitted and Waiting

1. Mowafaq Salem Alzboon, Saleh Ali Alomari, Belal Zaqaibeh, Mohammad Subhi Al-Batah (2020). Survey on Patient Health monitoring System Based on Arduino

& Internet of Things (IoT), International Journal of Engineering & Technology., Vol. ?, No. ? (2020). **Waiting to be publishing.** (*)

2. **Saleh Ali Alomari** and Mowafaq Salem Alzboon, (2020) Toward Achieving Self- Resource Discovery in Distributed System based on Distributed Quadtree. *Journal of Computer Science.* **Submitted and Waiting** (SCOPUS). (*)
3. **Saleh Ali Alomari** and Hussam Saleh Abu Karaki, (2020), A Novel Method for Vehicle MOtion DEtection, CLAssification and Tracking Based on Aerial Video (MODECLAT). **Submitted and Waiting.**
4. **Saleh Ali Alomari** and Mohammed I. M. Rajab (2020), HaSB: Hybrid HarmonicStaircase Broadcasting Protocol for Video on Demand System. (ACM - Journal). **Re- Submitted, 3rd round review.**
5. Mohammed I. M. Rajab and **Saleh Ali Alomari** (2019), Mathematical And Simulation Model for The Hyprid Harmonic Staircase Broadcasting Protocol. (IETE - Journal). **Submitted and Waiting.**
6. Wafaa A.H Ali Alsalihy, Naeem Ali Askar and **Saleh Ali Alomari**, Enhancement of Redundant Reader Elimination by Using Hybrid LEO-Efficient Algorithm in RFID Systems. KSII Transactions on Internet and Information Systems (TIIS), (ISI Indexed Journal; Impact Factor : 0.164). **WAITING.**

Note: i'm work on 1 paper in my field, 1 paper in Fuzzy algorithm, and another 1 paper on AI and 1 paper RFID. All of these papers will be ready at the end of 3th of March 2020. And ready to be publish in 2020. (Starting to put the main ToC for the new BOOK)

12. FUNDED PROJECTS

Project One:

Project Name: **USM Video on Demand System for Mobile Devices**
Project Type: **Prototype Development Research Grant Scheme (PRGS)**
Duration: **2011- 2012.**

Project Two:

Project Name: **Mobile on Demand Content Delivery GRID**

Project Type: **RU-Grant**
Duration: **2010- 2014**

Project Three:

Project Name: **Broadcasting Environment for CDN-P2P based Video on Demand System**
Project Type: **RUI-Grant**
Duration: **2011- 2013**

13. EDITORSHIP

1. I am a Reviewer in **International Journal of Digital Content Technology and its Applications (JDCTA)** published by AICIT (Advanced Institute of Convergence Information Technology).
2. I am a Reviewer in **International Journal of the Physical Sciences**, published by Academic Journals.
3. I am a Reviewer in **International Association of Computer Science and Information Technology (IACSIT)**.
4. I am a member in **Institute of Electronics, Information and Communication Engineers (IEICE)**.
5. I am a Reviewer in **Transactions on Internet and Information Systems (TIIS)**.
6. I am a Reviewer in **International Journal of Advanced Computer Science and Applications (IJACSA)**.
7. I am a Reviewer in **International Journal of Computer Theory and Engineering (IJCTE)**
8. I am a Reviewer in **International Journal of Computer Science & Information Technology (IJCSIT)**.
9. I am a Reviewer in **Peer-to-Peer Networking and Applications**, Journal under Elsevier Publisher.
10. I am a Reviewer in **Computer Science Journal**

14. TEACHING & SUPERVISION

1. Multimedia System

2. Programing Language 1
3. Programing Language 2
4. Computer Skills and Internet Skills
5. Data Communication and Networks
6. Computer Networks 1,2
7. Introduction to IT
8. Introduction to programing language
9. System Analysis and design
10. Final Year Project for all (Computer Science, Software Engineering and Computer Networks)
11. And others

15. Project at Jadara University (1st Semester 2013-2014)

4. Education Mobile Application
5. Smart Home using Mobile
6. Smart Shopping using Mobile
7. Retrieval Date from your Android Phone to the E-mail
8. Search of the Lowest Cost for any Item
9. License Services System
10. Voice Recognition System
11. My Tour
12. Electronic Voting System for Jadara University
13. Fitness Application
14. Restaurant Delivery System
15. Running Tracker
16. Cultural and Artistic System
17. Management of warehouses and storage System
18. System to pay electricity bills
19. System of financial accounting and human resources

16. Project at Jadara University (2nd Semester 2013-2014)

1. Airline Reseration System
2. Digital Mother Child Healthy Handbook
3. New Caching Technique For Mobile Ad-Hoc Network based Video On Demand System

4. Source Code Explorer System
5. Linkage between Border Crossing Point in the Kindfom of Jourdan
6. Automat Silent Mode for Android Smartphone
7. E-Cafe' System
8. Jadara Online Room Reservation
9. E-Agriculture Extension System
10. Dini Hayati Mobile Application for Andriod
11. Child Tracker System of Indoor Enviroments
12. Healty Center System
13. Delevering System for Streming Live and Video on Demand
14. Automat Silent Mode Using Sensor Network
15. Archive Application for College of Computer Science and Information technology (CCSIT).

➤ **Project at Jadara University (1st Semester 2014-2015)**

1. Smart Parking System, Best **project** at eighth Annual Technology Parade in April 2015.

➤ **Project at Jadara University (2016-2017 and 2017-2018)**

- Have more than 15 projects

17. BIOGRAPHY

Saleh Ali K. Alomari obtained his MSc and PhD in Computer Science from Universiti Sains Malaysia (USM), Pulau Penang, Malaysia in 2008 and 2013 respectively. He is a lecturer at the faculty of Science and Information Technology, Jadara University, Irbid, Jordan. He is Assistance Professor at Jadara University, Irbid, Jordan 2013. He is a head of the Software Engineering Department at Jadara University, 2019 until 2020. He was a head of the Computer Network Department at Jadara University, 2014 until 2016. He is the candidate of the Multimedia Computing Research Group, School of Computer Science, USM. He is research assistant with Prof. Dr. Putra, Sumari. He is managing director of ICT Technology and Research and Development Division (R&D) in D&D Professional Consulting Company. He has published over 40 papers in international journals and refereed conferences at the same research area. He is a member and reviewer


of several international journals and conferences (IEICE, ACM, KSII, JDCTA, IEEE, IACSIT, etc). His research interest are in area of multimedia networking, video communications system design, multimedia communication specifically on Video on Demand system, P2P Media Streaming, MANETs, caching techniques and for advanced mobile broadcasting networks as well.

18. Names/affiliation and contact details potential referees

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6	Prof. Dr. Dr. Raed Hatamleh	Jadara Univesity, 21110, Irbid Jordan	The Dean of the faculty of Computer Sciences and Information Technology, 2020	raed@jadara.edu.jo

19. Main Scientific Measures

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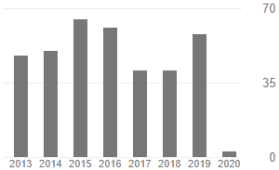


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Digital recognition using neural network SAK Al-Omari, P Sumari, SA Al-Taweel, AJA Husain Journal of computer science 5 (6), 427	48	2009
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