

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Shadi A. Aljawarneh**
Address Faculty of Computer and Information Technology, Software Engineering Department,
 P.O.Box: 3030 Irbid 22110, JORDAN
E-mail(s) saaljawareh@just.edu.jo, saljawareh@acm.org
Nationality Jordanian
Gender Male

Desired employment / Occupational field

Associate Professor in Software Security & Software Engineering
ACM Senior Member & Specialist in E-learning, Development and QA
Specialist in Proposal writing and Proposal and Application Evaluator
Freelance Trainer in ICT, Health Project Management, E-learning,
Documentation and Quality

Work experience

<p>Dates 20 September 2015</p> <p>Occupation or position held Associate Professor in Software Engineering Department,</p> <p>Name and address of employer Jordan University of Science and Technology</p>	<p>Dates 25 Feb 2013 to 31 Aug 2015</p> <p>Occupation or position held Associate Professor in Software Engineering Department,</p> <p>Name and address of employer Isra University.</p>
<p>Dates 03 October 2008 - 24 Feb 2013</p> <p>Occupation or position held Assistant Professor in Software Engineering Department</p> <p>Name and address of employer Isra University P.O. Box 22, Al-Isra University Postoffice Amman, 11622 Amman (Jordan)</p> <p>Type of business or sector Education</p>	<p>Dates 01 October 2005 – 01 September 2006</p> <p>Occupation or position held Teaching Assistant (TA) in Computing</p> <p>Name and address of employer Durham University Durham (United Kingdom)</p> <p>Type of business or sector Education</p>

Dates 01 February 2003 - 01 September 2005
 Occupation or position held Full-time computer lecturer
 Name and address of employer Jordan University of Science and Technology
 Irbid (Jordan)
 Type of business or sector Education

Education and training

Dates 10 October 2011 – 10 March 2012
 Title of qualification awarded PHP course
 Name and type of organisation providing education and training USAID - Alqudes College
 Amman (Jordan)
 Level in national or international classification Beginning, Intermediate and Advance

Dates October 2005 – September 2008
 Title of qualification awarded PhD in Software Engineering
 Name and type of organisation providing education and training Northumbria University
 Newcastle, UK

Dates 01 Feb 2007 - 30 Feb 2007
 Title of qualification awarded EndNote Advanced for Research Students
 Name and type of organisation providing education and training Northumbria University
 Newcastle (United Kingdom)
 Level in national or international classification Advanced

Dates 01 February 2002 - 01 June 2003
 Title of qualification awarded Master in IT
 Name and type of organisation providing education and training University of western Sydney
 Sydney (Australia)

Dates 01 September 1995 - 01 February 1999
 Title of qualification awarded BACHELOR in Computer science
 Name and type of organisation providing education and training Jordan Yarmouk University
 Irbid (Jordan)

Personal skills and competences

Mother tongue(s) **Arabic**

Other language(s)

Self-assessment
 European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

(*) [Common European Framework of Reference \(CEF\) level](#)

Technical skills and competences

- Primavera
- Scheduling using Microsoft Project
- Editing and Proof-reading tools
- Android Programming in Java
- Quality assurance tools
- Troubleshooting and installing OS and software.
- Visualization analyzer for maps and cultural documents.
- Reviewer for a number of international conferences and journals.

Computer skills and competences

- Programming languages such as c++, Visual Basic, Java, PHP, HTML, XML, JavaScript, Java, FlashMacromedia , Micro Office, Office Project.

Driving licence(s) B

Additional information

International Professional Memberships:

- ✓ Internet Society
- ✓ ACM
- ✓ EU-JordanNet
- ✓ International Engineering Association (IEA), UK.
- ✓ Australian computer Society (ACS), Australia.
- ✓ International Association of Computer Science and Information Technology (IACSIT), Singapore

Awards:

- ✓ Awarded full membership as ACM senior member from ACM (Association of Computer Machinery), 2014. http://awards.acm.org/award_winners/aljawarneh_4398052.cfm
- ✓ Awarded full fellowship from the EU-JordanNet, Higher Council for Science and Technology, Jordan for attending the ICT Proposers 2014, Florence, Italy during 8th-9th October 2014.
- ✓ Awarded the excellence prize in the Teaching and E-learning for spring 2014 at Isra University, Amman, Jordan.
- ✓ Awarded full fellowship from the Cyprus Institute for attending the Third LinkSCEEM/V-MUST Thematic Workshop on Cultural Heritage organized by Cyprus Institute, Cyprus during 26th-31st May 2013.
- ✓ Awarded the excellence prize in the Teaching and E-learning for spring 2013 at Isra University, Amman, Jordan, 4th June, 2013.
- ✓ Awarded full fellowship from the Cyprus Institute for attending the Second LinkSCEEM/V-MUST Thematic Workshop on Cultural Heritage organized by Bibliotheca Alexandrina, Egypt during 24th-26th September 2012.
- ✓ Awarded recognition certificates from International Arab Journal of Information Technology (IAJIT) as one of the most active reviewers for 2010 and 2011.

- ✓ Awarded thankful letter from Mr. Anton Ravindran - Former Speaker Parliament Australia, Former Deputy Vice Chancellor (Strategy and Planning) Curtin University of Technology, Former Pro Vice Chancellor International and Victoria University -for being a part of the Technical Committee of Annual International Academic Conference on Business Intelligence and Data Warehousing (BIDW), Singapore, 2011.
- ✓ Awarded \$1000 from King Abdullah II Fund for Development (KAFF) and King Abdullah II Design & Development Bureau (KADDB) to register my paper into the Proceedings of IEEE ICDS2010, Netherlands Antilles, IEEE computer Society, 2010.
- ✓ Awarded \$ 1000 from MIT-USA to present my paper at MIT LINC 2010, MA, USA.
- ✓ Awarded the ICIT'09 prize for the selected paper in Web agent Track, Zaytoonah University, Jordan, June 2009.
- ✓ Awarded the World Congress on Engineering 2009 (WCE '09) prize for one of the selected papers in Software Engineering Track, 1-3 July, 2009, London, U.K.
- ✓ Granted full bursary from British Council for my presentation at the International Conference 'Darwin's Living Legacy' Bibliotheca Alexandrina 2009, Egypt.

Sponsorships and Grants:

- ✓ King Abdullah II Fund for Development (KAFF) and King Abdullah II Design & Development Bureau (KADDB) Research Project's Grants 2009 and 2010.
- ✓ National Security Committee (NSC) Project's Grants 2014.

Interested in:

- ✓ Project Proposal Evaluation
- ✓ Project Proposal Writing
- ✓ Project Proposal Examiner
- ✓ Software Engineering
- ✓ E-learning
- ✓ Network Security and Health Security
- ✓ Forensic investigation of Cloud systems and Cloud Computing,
- ✓ Software Documentation and Writing
- ✓ Risk Management in Health & Quality Assurance
- ✓ Primavera
- ✓ MIS
- ✓ Operations Research
- ✓ Research Methodology
- ✓ Computer Science and Algorithms
- ✓ Mobile Computing
- ✓ Visualization techniques and Texture Mapping
- ✓ Web services and semantic web and
- ✓ Bioinformatics, and Biomedical.

University Courses Taught

- ✓ Network Security

- ✓ Operations Research (Master)
- ✓ Research Methodology (Master)
- ✓ Engineering Projects Management (Master)
- ✓ Project Management
- ✓ Advanced DBMS (Master)
- ✓ Data Simulation
- ✓ Risk Management
- ✓ MIS
- ✓ BIS
- ✓ Web Technology
- ✓ Information Retrieval Systems
- ✓ Distributed Systems
- ✓ Computer and Internet Ethics
- ✓ Software Engineering
- ✓ Software Design
- ✓ Software tools
- ✓ Reverse Engineering
- ✓ Information Security
- ✓ E-transactions
- ✓ E-Commerce
- ✓ Computer Skills
- ✓ Software Documentation
- ✓ Compiler Design
- ✓ Visual Basic
- ✓ C++
- ✓ Algorithms
- ✓ Introduction to Internet
- ✓ Web Application Development

International and Local Committees

- ✓ **Member of the Software Engineering Master Program Committee, Faculty of Information Technology, Isra University, for the academic year 2012/2013. This program aims to develop a new Master Program for Software Engineering at Isra University, Amman. Jordan.**
- ✓ **Member of the Information Security Bachelor Program committee, Faculty of Information Technology, Isra University, for the academic year 2011/2012. This program aims to develop a new Bachelor Program for information security at Isra University, Amman. Jordan.**
- ✓ **Member of the Networks and Communication Bachelor Program committee, Faculty of Information Technology, Isra University, for the academic year 2011/2012. This program aims to develop a new Bachelor for Networks and Communications at Isra University, Amman. Jordan.**
- ✓ **Member and Founder of Jordan Wikipedia Chapter**
- ✓ **Member of National Security Committee by King Abdullah II Design & Development Bureau (KADDB), Jordan**
- ✓ **Member of the Scientific Research Committee, Faculty of Information Technology, Isra University, for the academic year 2010/2011.**
- ✓ **Member of the Curriculum Committee, Department of Software Engineering, Isra University, for the academic year 2011/2012.**

- ✓ Member of the University Council Committee, Isra University, for the academic year 2011/2012.
- ✓ Member of the Faculty Council Committee, Faculty of Information Technology, Isra University, for the academic year 2010/2011.
- ✓ Member of the Department Council Committee, Department of Software Engineering, Faculty of Information Technology, Isra University, for the academic year 2009/2010.
- ✓ Member of the Department Council Committee, Department of Software Engineering, Faculty of Information Technology, Isra University, for the academic year 2008/2009.

Positions Held

- ✓ Expert evaluation and writing in The KADDB, Jordan
- ✓ Expert in the EU HR2020
- ✓ **Conference chair** of The ACM ICEMIS 2015, Sept 24-26 2015, Istanbul, Turkey, <http://www.iares.net>
- ✓ Co Editor of IJCAC, IGI-Global, USA, www.igi-global.com/ijcac
- ✓ Guest Editor in the Recent patents in computer science Journal – Canada, Special Issue "Innovations in Educational Technology and E-learning Social Networking ", April, 2015.
- ✓ Participated in the TEMPUS workshop at Jordan University – Amman, 2013. TEMPUS is the European Union's programme which supports the modernisation of higher education in the EU's surrounding area (http://eacea.ec.europa.eu/tempus/programme/about_tempus_en.php).
- ✓ Participated in the Erasmus Mundus Partnerships workshop at Jordan University – Amman, 2013. Erasmus Mundus is the European Union's programme which supports the modernisation of higher education in the EU's surrounding area (http://www.inter.uadm.uu.se/Partners_och_program/mundus/).
- ✓ **Co- Publication chair** of The 4th International Conference on Information and Communication Systems, ICICS 2013, April 23-25 2013, Irbid, Jordan, <http://www.icics.info/icics2013>.
- ✓ **Steering Committee member** of 1st International workshop on Cloud Computing Applications and SEcurity (CASE-2013). <http://www.icics.info/icics2013/workshop.html>
- ✓ Participated in the Jordanian European S&T Partnerships, Amman, Jordan, 2012.
- ✓ Technical Program Committee member of the International Conference on Digital Society (ICDS 2011, ICDS 2012) under IARIA umbrella.
- ✓ Session chair in the ICCCI 2011, December, Bangkok, Thailand.
- ✓ Speaker in e-health security, International Health Indicator, Amman, Jordan, 21 June, 2011.
- ✓ Guest Editor in the International Journal of Information Technology and Web Engineering (IJITWE) – USA, Special Issue "New trends in Web Applications and Semantic Web", June, 2011.
- ✓ Program Chair of the International Conference on Intelligent Semantic Web – Services and Applications (ISWSA 2011) – ACM Publisher, April 18-19, 2011, Isra University (IU), Amman, Jordan.

- ✓ Speaker in e-health workshop, International Health Indicator, Amman, Jordan, 8 Nov., 2010.
- ✓ Speaker in New Trends in IT workshop, International Health Indicator, Amman, Jordan, 8 Nov., 2010.
- ✓ Technical Council of 6th and 7th International Conference on Networked Computing and Advanced Information Management (NCM2010 and NCM 2011, Seoul, Korea).
- ✓ Program Chair of the series of the International Conference on Intelligent Semantic Web – Services and Applications (ISWSA 2010)-ACM Publisher, June 5, 2010, Isra University (IU), Amman, Jordan.
- ✓ Technical Editor of [JDCTA](#) journal, South Korea
- ✓ Technical Committee member of International Conference on Business and Digital Enterprises (ICBDE 2010), July, 22-24, India.
- ✓ Technical Committee member of International Conference on Business Intelligence and Data Warehousing which is scheduled for June 2010, at Singapore and is co-organized by Internet Industry Association of Singapore (www.ias.com.sg), supported by Internet Industry Association Australia.
- ✓ Track Chair of the Track "Security and Management" in AITEM2010, USA.
- ✓ Technical Committee member at International Arab Journal of Information Technology (IAJIT), Jordan.
- ✓ Technical Committee member of GIWESA'09 is Second International Workshop on Electronic Systems and Applications will be held in conjunction with Third International Conference on New Technologies, Mobility and Security 2009 (NTMS 2009) is technically sponsored by IFIP TC6 WG and by IEEE.
- ✓ Speaker in Strategies Conference in e-offices and databases, Holiday Inn, Amman, Jordan, 2009
- ✓ Session chair at the World Congress on Engineering 2009 (WCE '09).
- ✓ Member of the organizing committee for the ITSD'2009, Isra University, May 2009.
- ✓ Speaker in Computer Forensics & Security Conference - Northumbria University (UK), 23 April 2008.
- ✓ A member in Intelligence Modeling Lab (IML), Northumbria University, from 2006 to 2008.
- ✓ Invited speaker in Newcastle Summer School – Newcastle University (UK), March 2006.

Publications

A) Publications with peer review process

- Al Maghayreh, E., Al-Haija, S. A., Alkhateeb, F., & Aljawarneh, S. (2010). Bees_ Ants Based Routing Algorithm. In *Intelligent Systems, Modelling and Simulation (ISMS), 2010 International Conference on* (pp. 344–349). IEEE.
- Al Maghayreh, E., Al-Haija, S. A., Alkhateeb, F., Aljawarneh, S., & Al-Shawakfa, E. (2013). BeesAnts: a new nature-inspired routing algorithm. *International Journal of Communication Networks and Distributed Systems*, 10(1), 83–97.
- Al Maghayreh, E., Doush, I. A., Alkhateeb, F., & Aljawarneh, S. (2011). A tool for monitoring and tracing multi-agent applications. In *Electrical and Computer Engineering (CCECE), 2011 24th Canadian Conference on* (pp. 878–881). IEEE.
- Al-Rousan, T., & Aljawarneh, S. (2015). Using Cloud Computing for E-Government: A New Dawn. *Advanced Research on Cloud Computing Design and Applications*, 15.
- Al-Rousan, T., Hadidi, B., & Aljawarneh, S. (2012). Web application development processes: requirements, demands and challenges. In *Proceedings of the 11th international conference on Applications of Electrical and Computer Engineering* (pp. 157–161). World Scientific and Engineering Academy and Society (WSEAS).
- Alhaj, A., Aljawarneh, S., Masadeh, S., & Abu-Taieh, E. (2013). A Secure Data Transmission Mechanism for Cloud Outsourced Data. *International Journal of Cloud Applications and Computing (IJCAC)*, 3(1), 34–43.
- Aljawarneh, S. (2008). An investigation into server-side static and dynamic web content survivability using a web content verification and recovery (WVCR) system. Northumbria University.
- Aljawarneh, S. (2011). A web engineering security methodology for e-learning systems. *Network Security*, 2011(3), 12–15.
- Aljawarneh, S. (2012a). *Cloud Computing Advancements in Design, Implementation, and Technologies*. IGI Global.
- Aljawarneh, S. (2012b). Cloud security engineering: Avoiding security threats the right way. *Cloud Computing Advancements in Design, Implementation, and Technologies*, 147.
- Aljawarneh, S. (2015). Cloud Security Engineering Concept and Vision: Concept and Vision. *Advanced Research on Cloud Computing Design and Applications*, 139.
- Aljawarneh, S. A. (2012). Survivability of Web Content: Theoretical and Practical Approaches Protection of static and dynamic data against tampering.
- Aljawarneh, S., Al-Rousan, T., Maatuk, A. M., & Akour, M. (2014). Usage of data validation techniques in online banking: A perspective and case study. *Security Journal*, 27(1), 27–35.
- Aljawarneh, S., & Alhaj, A. (2012). Testing and evaluation of a secure integrity measurement system (SIMS) for remote systems. *Int. Arab J. Inf. Technol.*, 9(3), 235–242.
- Aljawarneh, S., & Alkhateeb, F. (n.d.-a). A new web engineering security approach for

distributed e-learning systems in Jordan.

- Aljawarneh, S., & Alkhateeb, F. (n.d.-b). Developing a Semantic Architecture for Input Validation in e-Systems. *UbiCC Journal*, 4(3), 501–508.
- Aljawarneh, S., & Alkhateeb, F. (2009a). A semantic web technology-based architecture for new server-side data validation in web applications. *Proceedings of International Conference on Information Technology, Amman, Jordan*, 155–160.
- Aljawarneh, S., & Alkhateeb, F. (2009b). Design and implementation of new data validation service (NDVS) using semantic web technologies in web applications. *Proceedings of the World Congress on Engineering, 1*.
- Aljawarneh, S., & Alkhateeb, F. (2010). RDFa Ontology-Based Architecture for String-Based Web Attacks: Testing and Evaluation. In *Electronic Engineering and Computing Technology* (pp. 249–259). Springer.
- Aljawarneh, S., Alkhateeb, F., & Al Maghayreh, E. (2010). A semantic data validation service for web applications. *Journal of Theoretical and Applied Electronic Commerce Research*, 5(1), 39–55.
- Aljawarneh, S., Alshargabi, B., MA Hayajneh, S., & T Imam, A. (2015). Integration of E-learning and Cloud Computing Platform Through Software Engineering. *Recent Patents on Computer Science*, 8(2), 100–105.
- Aljawarneh, S., Dababneh, M., Hosseney, H., & Alwadi, E. (2010). A web client authentication system using smart card for e-systems: initial testing and evaluation. In *Digital Society, 2010. ICDS'10. Fourth International Conference on* (pp. 192–197). IEEE.
- Aljawarneh, S., Laing, C., & Vickers, P. (n.d.). Security policy framework and algorithms for web server content protection. *ACSF'07*.
- Aljawarneh, S., Laing, C., & Vickers, P. (2007). Verification of Web Content Integrity: A new approach to protecting servers against tampering. *PGNET 2007 The 8th Annual Postgraduate Symposium on The Convergence of Telecommunications, Networking and Broadcasting, Liverpool, UK*, 28–29.
- Aljawarneh, S., Laing, C., & Vickers, P. (2008). Design and experimental evaluation of Web Content Verification and Recovery (WCVR) system: A survivable security system. *Proceedings ACSF*, 1–7.
- Aljawarneh, S., Laing, C., Vickers, P., & Angelova, M. (2009). Formulating models to protect web server content against unauthorised tampering. *MASAUM Journal of Open Problems in Science and Engineering*, 1(1), 47–52.
- Aljawarneh, S., Masadeh, S., & Alkhateeb, F. (2010). A secure wifi system for wireless networks: an experimental evaluation. *Network Security*, 2010(6), 6–12.
- Aljawarneh, S., & Muhsen, Z. (2011). Protection of Cell Phone Content from Viruses: A Proposed Methodology. In *International Conference on Computer and Computer Intelligence (ICCCI 2011)*. ASME Press.
- Aljawarneh, S., Muhsin, Z., Nsour, A., Alkhateeb, F., & AlMaghayreh, E. (2010). e-Learning Tools and Technologies in Education. *A Perspective. LINC Proceedings*.
- Aljawarneh, S., Shargabi, B., & Rashaideh, H. (2013). Gene classification: A review. *Proceedings of IEEE ICIT*.
- Alkhateeb, F., Al Maghayreh, E., & Aljawarneh, S. (2010). A multi agent-based system for securing university campus: Design and architecture. In *2010 International Conference*

on *Intelligent Systems, Modelling and Simulation* (pp. 75–79). IEEE.

- Alkhateeb, F., Al Maghayreh, E., Tubishat, M., & Aljawarneh, S. (2010). The Use of Location Based Services for Very Fast and Precise Accidents' Reporting and Locating. In *Intelligent Systems, Modelling and Simulation (ISMS), 2010 International Conference on* (pp. 21–24). IEEE.
- Alkhateeb, F., Al-Taani, A. T., Al Maghayreh, E., Aljawarneh, S., & Al-Abd, Z. (2011). *Towards Implementing an Intelligent System for Securing and Monitoring using Agents*. INTECH Open Access Publisher.
- Alkhateeb, F., AlMaghayreh, E., Aljawarneh, S., Muhsin, Z., & Nsour, A. (2010). E-learning Tools and Technologies in Education: A Perspective. *E-Learning*.
- Alkhateeb, F., Alzubi, A., Doush, I. A., Aljawarneh, S., & Al Maghayreh, E. (2010). Extracting authoring information based on keywords and semantic search. In *Proceedings of the 1st International Conference on Intelligent Semantic Web-Services and Applications* (p. 1). ACM.
- Alkhateeb, F., Alzubi, A., Doush, I. A., Aljawarneh, S., & Al Maghayreh, E. (2011). Searching and Generating Authoring Information. *International Journal of Information Technology and Web Engineering*, 6(3), 1–14.
- Alshargabi, B., & Aljawarneh, S. A. (2015). Editorial (Thematic Issue: Innovations in Educational Technology and E-learning Social Networking). *Recent Patents on Computer Science*, 8(2), 83–84.
- Arqub, O. A., Al-Salt, J., Rashaideh, H., & Aljawarneh, S. (n.d.). Numerical Simulation for Fuzzy Fredholm Integral Equations Using Reproducing Kernel Algorithm.
- El-Haj, A., & Aljawarneh, S. (2015). A Mechanism for Securing Hybrid Cloud Outsourced Data: Securing Hybrid Cloud. *Advanced Research on Cloud Computing Design and Applications*, 73.
- Elkobaisi, M. R., Maatuk, A. M., & Aljawarneh, S. (2015). A Proposed Method to Recognize the Research Trends using Web-based Search Engines. In *Proceedings of the The International Conference on Engineering & MIS 2015* (p. 15). ACM.
- Hawashin, B., Mansour, A., Aljawarneh, S., Fahmy, A. A., Al Raddady, F., Shrivastava, A., ... Yadav, R. N. (2013). An Efficient Feature Selection Method for Arabic Text Classification. *International Journal of Computer Applications*, 83(17), 1–6.
- Imam, A. T., Rousan, T., & Aljawarneh, S. (2014). An expert code generator using rule-based and frames knowledge representation techniques. In *Information and Communication Systems (ICICS), 2014 5th International Conference on* (pp. 1–6). IEEE.
- Khamayseh, Y., Mardini, W., Aljawarneh, S., & Yassein, M. B. (2015). Integration of Wireless Technologies in Smart University Campus Environment: Framework Architecture. *International Journal of Information and Communication Technology Education (IJICTE)*, 11(1), 60–74.
- M Maatuk, A., A Ali, M., & Aljawarneh, S. (2015). Translating Relational Database Schemas into Object-based Schemas: University Case Study. *Recent Patents on Computer Science*, 8(2), 122–131.
- Maatuk, A. M., Ali, M. A., & Aljawarneh, S. (2015). An algorithm for constructing XML Schema documents from relational databases. In *Proceedings of the The International Conference on Engineering & MIS 2015* (p. 12). ACM.
- Masadeh, S. R., Aljawarneh, S., Odeh, A., & Alhaj, A. (2013). Secure Communication: A

Proposed Public Key Watermark System. *International Journal of Information Security and Privacy (IJISP)*, 7(4), 1–10.

- Masadeh, S. R., Aljawarneh, S., Turab, N., & Abuerrub, A. M. (2010). A comparison of data encryption algorithms with the proposed algorithm: Wireless security. In *Networked Computing and Advanced Information Management (NCM), 2010 Sixth International Conference on* (pp. 341–345). IEEE.
- Moftah, R. A., Maatuk, A. M., Plasmann, P., & Aljawarneh, S. (2015). An Overview about the Polymorphic Worms Signatures. In *Proceedings of the The International Conference on Engineering & MIS 2015* (p. 29). ACM.
- Radhakrishna, V., Kumar, G. R., & Aljawarneh, S. (2015). Strategic Application of Software Process Model to Optimize Business Intelligence Results. In *Proceedings of the The International Conference on Engineering & MIS 2015* (p. 44). ACM.
- Shamsuddoha, M., Alam, M. S., Asif, S. A., Aljawarneh, S., Sakib, K., & Imran, A. (2015). CLBS-3: A Three-Tier Load Balancer for ensuring Fault-Tolerance of Software running in Open-Source Cloud. In *Proceedings of the The International Conference on Engineering & MIS 2015* (p. 56). ACM.
- Turab, N., Aljawarneh, S., & Masadeh, S. (2010). A study of secure deployment of wireless technology in the medical fields. In *Proceedings of the 1st International Conference on Intelligent Semantic Web-Services and Applications* (p. 25). ACM.
- YASSEIN, M. B., AL-MAOLEGI, M., KHAMAYSEH, Y., KRSTIC, D., & ALJAWARNEH, S. (n.d.). Intelligent Transportation System for Crowded Streets Using Short Range Wireless Technologies.

Poster

- ✓ **Shadi Aljawarneh**, Secure e-health in the developing countries: managing risks to patient health data and proposed framework architecture, The Qatar Foundation Annual Research Conference 2013, Qatar. Accepted for display in the Poster Presentation category.
- ✓ **Shadi Aljawarneh**, Developing Health Monitoring Tools for Chronic Diseases Using Mobile Phone Technology, The Qatar Foundation Annual Research Conference 2012, Qatar.
- ✓ **Shadi Aljawarneh**, **mHealth: A Secure Health Monitoring System for Diabetes on Blackberry, ASRF Fund, Jordan**
- ✓ **Shadi Aljawarneh**, **Mobile App for Electricity, Gas, and Water Meter, ASRF, Fund, Jordan**

B) Submitted publications with peer review process

- ✓ **Shadi Aljawarneh**. "Advanced Research on Cloud Computing Design and Applications" IGI Global, 2015. 1-350. (Edited Book).
- ✓
- ✓ Safwan Omari, Muneer Bani Yassein, Enas Issa, **Shadi Aljawarneh**. A Network Energy Saving Algorithm for Wireless Sensor Networks: Testing and Evaluation, *International Journal of Sensor Networks (IJSNET)*.
- ✓ **Shadi aljawarneh**, Conceptual framework for Cloud Security Issues. *JTEAR Journal*.

- ✓ **Shadi Aljawarneh**, Concerns from Cloud Security Issues: Challenges and Open Problems, BigDataCloud 2013 Workshop, Germany, September 2013.
- ✓ **Shadi Aljawarneh** (2015). Advanced Research on Cloud Computing Design and Applications (pp. 1-360). Hershey, PA: IGI Global. doi:10.4018/978-1-4666-8676-2
- ✓ **Shadi Aljawarneh**, “Survivability of Web Content: Theoretical and Practical Approaches”, LAP Lambert Academic Publishing (2012-05-03), ISBN: 978-3-659-10792-4 (Book).
- ✓ **Shadi Aljawarneh**. Classification of genes based on semantic web technologies and data mining. Poster: In Proceeding of International Conference ‘Darwin’s Living Legacy’ Bibliotheca Alexandrina, Egypt 14 – 16 November 2009.
- ✓ **Shadi Aljawarneh**, Chris Laing, and Paul Vickers, and Maia Angelova. Tamper Detection, Prevention, and Recovery in Server-side static and dynamic web content (poster), CEIS Symposium, CEIS, Northumbria University, 2008.

D) PhD thesis

- ✓ Aljawarneh, Shadi (2008) ***An investigation into server-side static and dynamic web content survivability using a web content verification and recovery (WVCR) system.*** Doctoral thesis, Northumbria University, England.

Postgraduate Vivas (External Examiner)

- ✓ Maryan Naji Elias Yatim, Jordan University of Science and Technology, Jordan, Aug, 2014 – Title “NISHA: NOVEL INTERFACE FOR SMART HOME APPLICATIONS”, Master Degree.
- ✓ Mvelase, P.S., University of Zululand, South Africa, Aug 2013 – Title- “A virtual enterprise model for enabling cloud computing for SMME.”, PhD.
- ✓ Ansam M. Abu-Dalo, Jordan University of Science and Technology, Jordan, Nov, 2013 – Title “A GRAPHIC PROCESSING UNIT BASED PATTERN MATCHING FOR INTRUSION DETECTION USING MAPREDUCE FRAMEWORK AND DYNAMIC PROGRAMMING”. Master Degree.
- ✓ Rasha Alfawaeer, Al-Balqa Applied University, Jordan, 21, Jul, 2011 – Title “Data Classification Using Artificial Neural Networks for Medical Applications”. Master Degree.
- ✓ Mohammad Al-Masri, Jordan University of Science and Technology, Jordan, 27, Jul, 2011 – Title “OPTIMIZED ARTIFICIAL BEE COLONY FOR INTRUSION DETECTION SYSTEMS”. Master Degree.
- ✓ Enas Essa, Jordan University of Science and Technology, Jordan, 28, Dec, 2011 – Title “A New Energy Saving Algorithm For Wireless Sensor Networks”. Master Degree.
- ✓ Ala’a Naser Alslaity, Jordan University of Science and Technology, Jordan, 8, May, 2012 – Title “STABLE NEIGHBORHOOD-BASED ROUTE DISCOVERY PROTOCOL FOR MOBILE AD HOC NETWORKS”. Master Degree.

- ✓ Alaa Zaid Mohammad Alhwaide, Jordan University of Science and Technology, Jordan, 6, May, 2012 – Title “AUTOMATIC WEIGHTED CONTENT SIGNATURE GENERATION SYSTEM”. Master Degree.
- ✓ Baha' Yahya Nawafleh, , Jordan University of Science and Technology, Jordan, 18, July, 2012 – Title “IMPROVED AODV PROTOCOL TO DETECT AND AVOID BLACK HOLE NODES IN MANETs”. Master Degree.
- ✓ Marwa Al-Hrout, Al-Balqa Applied University, Jordan, 21,Mar, 2013 – Title “Numerical solution of two-point boundary value problems using continue diff. evolution algorithm”. Master Degree.
- ✓ Maryan Naji Elias Yatim, Jordan University of Science and Technology, Jordan, 6, August, 2014 – Title “NOVEL INTERFACE FOR SMART HOME APPLICATIONS”. Master Degree.
- ✓ Mai Mohammed Abu-Jazoh, Jordan University of Science and Technology, Jordan, 15, August, 2014 – Title “FEATURE SELECTION FOR BLACK HOLE ATTACK IN MOBILE AD HOC NETWORKS”. Master Degree.

Postgraduate Supervision

- ✓ Alaa Ebrahim Asaad (Thesis Title: SURVIVABILITY OF MANET AGAINST BLACKHOLE ATTACKS), Completed, Aug – 2014.
- ✓ ESRA'A "MOHAMMAD TAISIR" ABEDALQADER MASA'DEH
- ✓ Weam Adel Mahmoud Talafha