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EDUCATION

- 2011 Ph.D. of Network Security- Department of Computer Science,
University Sains Malaysia (USM).
- 2007 Master of Computer Science-Distributed Computing, Department of
Computer Science, University Sains Malaysia (USM).
- 2005 Bachelor of Computer Science (Information Technology),
Department of Computer Science, Al-Balqa' Applied university-
Al-Huson University College.

AWARDS

- 2010 **Silver Medal.** “iNet-Portable: An Intelligent Evolvable Real Time
Network Monitoring and Anomaly Detection Engine”. Malaysian
Technology Expo (MTE), PWTC Kuala-Lumpur, Malaysia.
- 2009 **The Trophy (First Place).** “Distributed Network Monitoring and
Security Monitoring Platform”, AIN (Anugerah Inovasi Negara- The
National Innovation Award), Kuala Lumpur, Malaysia.
- 2009 **Silver Medal.** “jEnterprise - Enterprise Security Platform”, IENA
(International Trade fair - Ideas-Inventions New Product), University
Category. Nuremberg, Germany.

2008 **Golden Medal.** “Invention of an Intelligent Network Monitoring and Surveillance tool”. Malaysia Technology Expo (MTE), Kuala Lumpur, Malaysia.

2008 **Best Award.** “Invention of an Intelligent Network Monitoring and Surveillance tool”. Malaysia Technology Expo (MTE), Kuala Lumpur, Malaysia.

PROFESSIONAL REGISTRATION

2010 Certified IPv6 Network Engineer (CNE6)-Level One (Certified)

2010 Certified IPv6 Network Engineer (CNE6)-Level Two (Certified)

PARTICIPATIONS AND COURSES

2009 International Exposition of Research and Innovation of Institutions of Higher Learning (Pecipta).

2009 Elementary Statistics for Practitioners.

PEER REVIEWER

2020 Peer-to-Peer Networking and Applications. Springer.

2020 2nd International Conference On Advances In Cyber Security (ACeS).

2015 12th ACS/IEEE International Conference on Computer Systems and Applications (AICCSA).

2009-
Present International Journal of Computer Science Issues (IJCSI).

RESEARCH EXPERIENCE AND PROJECTS

- 2020 VPN TUNNELING AND REMOTE WORK CYBER THREAT PROJECT-In Support of COVID-19 Global Cyber Response-Cyber Security Forum Initiative (CSFI)
- 2008-2011 Research Officer - University Sains Malaysia (USM), National Advanced IPv6 Centre (NAv6).

RESEARCH INTERESTS

Network Security, Cyber Security, Network Monitoring and Cloud Computing.

RESEARCCH IN PROGRESS

Intrusion and Botnet detection, Investigating IT Students' Satisfaction with Distance Education amid Covid-19 Pandemic.

COURSES TAUGHT

Network security, Operating Systems, Network Management, Discrete Mathematics, and Image Processing

COMMITTES and SERVICES

College Level

Chairman of

- 2017-2018 Exams Proctoring Committee
- 2014-2015 IT College Internet Committee
- 2011-2012 Library Committee

Member of

2019-Present	Local community service Committee of the IT College
2018-2019	Corporate Liaison Committee of the IT College
2018-2019	Polling and Counting Committee of the IT College
2018-2019	Student's Affairs Committee of the IT College
2016-2017	Graduation Projects Committee of the IT College
2015-2016	Academics and Scientific Clubs Committee of the IT College
2015-2016	Accreditation Committee of the IT College
2015-2017	Degree Plan committee of the IT College
2015-2017	Course Schedule Committee of the IT College
2015-2016	Higher Education Committee of the IT College
2015-2017	Promotion and Hiring Committee of the IT College
2017-2018	King Abdullah II Award for Excellence for the private and public sectors

Department Level

Chairman of

2016-2017	ABET accreditation Committee
2011-2017	Scholarship Committee

Member of

2016-2017	Degree Plan and Materials Equivalency Committee
2018-2019	
2017-2018	Scholarship Committee

SERVED SUPERVISORY/EXAMINING COMMITTEES

Master's Degree:

- ❖ **Title:** Enhance Light Fidelity Security Level in Internet Data Communication by Using Cryptography.

Name: Wassan Sami Haichal Aldolimi

Program: Master of Computer Science, Al-Zaytoonah University of Jordan.
(2021 External Examiner)

- ❖ **Title:** Multiprocessing Scalable String Matching Algorithm for Network Intrusion Detection System.

Name: Duaa Hani Nazzal

Program: Master of Computer Science, Al-Zaytoonah University of Jordan.
(2017 External Examiner)

- ❖ **Title:** Botnet Workflow Load Balancing and Scheduling using Genetic Algorithm (GA) and Particle Swarm Optimization (PSO) in Cloud Computing.

Name: Hanan Ali Ba ali

Program: Master of Computer Science, Yarmouk University. (2017 External Examiner)

Bachelor's Degree: Served as supervisor and examiner for more than 100 of projects and theses.

PUBLICATIONS

- Parallel and fault-tolerant k-means clustering based on the actor model. Multiagent and Grid Systems. volume 16, Issue. 4, December 2020.
- Using Fuzzy c-Means for Weighting different Fuzzy Cognitive Maps. International Journal of Advanced Computer Science and Applications (IJACSA) - Volume 11, Issue 5, May 2020.
- A cryptosystem based on chaotic maps and factoring problems. International Journal of Mathematics in Operational Research. Vol.15, Issue.1, 2019
- Automated Labeling and Severity Prediction of Software Bug Reports. International Journal of Computational Science and Engineering. Vol.19, Issue.3, 2019.
- A New Technique for Data Encryption Based On Third Party Encryption Server (TPED) to Maintain the Privacy Preserving in the Cloud Environment. Ashraf H. Aljammal, Hani Bani-Salameh, Ahmad Qawasmeh, Ayoub Alsarhan and Ahmed Fawzi Otoom. International Journal of Business Information Systems, Vol.28, Issue 4, 2018.
- Competitive Processors Allocation in 2D Mesh Connected Multicomputer Networks A Dynamic Game Approach. Ayoub Alsarhan, Emad E. Abdallah, Ashraf H. Aljammal. International Journal of Grid and High Performance Computing. Vol.9, Issue 2, Article 4.
- Node verification to join the cloud environment using third party verification server. Ashraf H. Aljammal, Hani Bani-Salameh, Ayoub Alsarhan, Mohammad Kharabsheh and Mamoon Obiedat. International Journal of Interactive Mobile Technologies. Vol.11, Issue.4, 2017.
- A New Architecture Of Cloud Computing To Enhance The Load Balancing. Ashraf H. Aljammal, Ahmad M. Manasrah, Alaa E. Abdallah and Nedal M.Tahat. International Journal of Business Information Systems, Vol.25, Issue.3, 2017.
- Software Evolution Visualization Techniques and Methods – a Systematic Review. Hani Bani Salameh, Ayat Ahmad, Ashraf Aljammal. 7th International Conference on Computer Science and Information Technology (CSIT). ISBN: 978-1-4673-8913-6.
- Power Aware Ant Colony Routing Algorithm for Mobile Ad-hoc Networks. Alaa E. Abdallah, Emad E. Abdallah, Feras Hanandeh, Ashraf Aljammal and Essam Al-Daoud. International Journal of Software Engineering and Its Applications Vol. 9, Issue.12, 2015.

- A SURVEY ON OPERATING SYSTEM IDENTIFICATION BASED ON TCP/IP STACK. International Journal of Advancements in Computing Technology (IJACT), Vol.6, Issue.4. 2014
- INVESTIGATING STUDY ON NETWORK SCANNING TECHNIQUES. International. Mohammed Anbar, Ahmed Manasrah Sureswaran Ramadass ,Altyeb Altaher, Ashraf Aljmmal, Ammar Almomani. Journal of Digital Content Technology and its Applications. vol7.issue.9. 2013
- iNet-Grid: A real-time Grid monitoring and troubleshooting system. The International Conference on Distributed Frameworks & Applications 2008 (DFmA 2008) Penang, Malaysia. pp. 68-72. (978-1- 4244-2312-5/08 IEEE)

WORKING EXPERIENCE

2018-Present	Associate Professor - Department of Computer Science and Applications, Hashemite University, Jordan.
2015-2017	Chairman - Department of Computer Science and Applications, Hashemite University, Jordan.
2013-2018	Assistant Professor - Department of Computer Science and Applications, Hashemite University, Jordan.
2011-2013	Full-Time Lecturer - Department of Computer Science and Applications, Hashemite University, Jordan.
2009-2011	Network Monitoring and Security Trainer - iNetmon Sdn. Bhd, Malaysia.
2009-2011	Project Coordinator - iNetmon Sdn. Bhd, Malaysia.
2008-2011	Quality Control (QC) - iNetmon Sdn. Bhd, Malaysia.

REFERENCES

Available upon request