CURRICULUM VITAE

Mohammed Salem Atoum

(Assistant Professor, Ph.D.)

Irbid National University

Faculty of science and information technology

Computer science Department

Irbid – Jordan

Personal Information

Nationality: Jordanian

Marital Status: Married

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Scopus Profile: https://www.scopus.com/authid/detail.uri?authorId=56266518600

Google Scholar Citations: https://scholar.google.com/citations?user=a6WBtG8AAAAJ&hl=en

Research Gate Profile: https://www.researchgate.net/profile/Mohammed_Atoum

Current Position

Assistant professor

Irbid National University

Faculty of science and information technology

Computer science Department

Irbid - Jordan

Education

June. 2014	**Ph.D. in Computer Science** **Major: Information and network security** **University: University Technology Malaysia (187 QS Ranking)** **GPA 3.76.** **Dissertation: MP3 Audio Steganography Using Extended Least Significant Bit Technique.**
June. 2009	M.Sc. in Computer Science Major: Information Security University: Al-Albyte University, Jordan GPA 84.6% Thesis Title Using Steganography For Embedding Encrypted Data in MP3.
June. 2002	B.Sc. in Computer Science Irbid National University, Jordan GPA 73.3% Graduate Project Title: WAP Card 2002

Research Interests

- ☒ **Cyber Security**
- ☒ **Information Security**
- ☒ **Block chain Technology**
- ☒ **E-Learning**

Professional Experience

11/6/2014 Until now	**Assistant Professor in Irbid National University**
25/9/2016 to 1/10/2017	Head of Computer Science Department
1/9/2012 to 1/4/2014	Lecturer in MEDIU University in Shah Alam- Malaysia
1/1/2003 to 5/2/2011	Trainer ICDL Certificated in Jerash University

1/1/2004 to 5/2/2011	Trainer INTEL Program in Ministry Of Education- Jordan
07/5/ 2012 Until now	Lecturer and Trainer for General Function and Behavior, Network Security, Protection System and Information Hiding
1/9/2018 Until now	✓ Trainer of **My Way To The Job** provided by INJAZ company- Jordan/ Leadership and Employment Program. ✓ Trainer of **MAHARAT** from Google provided by INJAZ company- Jordan/ Leadership and Employment Program ✓ Trainer of **Cyber Security** by INJAZ company- Jordan

1/9/2013 Until Now	➢Membership in the **Society of Digital Information and Wireless Communications (SDIWC).**
	➢ Membership in the **International Association for the Engineering and the Computer Scientists (IAENG)**
	➢ Editor of **International Journal of Engineering Research and Technology.**
	➢ Editor in **International Journal of Computer Networks and Communications Security**
	➢ Reviewer in the following Journal and Conferences:
	  ✓ **Journal of Advanced Computer Science and Technology Research.**
	  ✓ **The International Journal of Digital Information and Wireless Communications (IJDIWC).**
	  ✓ **The International Journal of Cyber-Security and Digital Forensic (IJCSDF).**
	  ✓ **The International Journal of New Computer Architectures and Their Applications (IJNCAA).**
	  ✓ **The Second International Conference on Informatics Engineering & Information Science (ICIEIS2013).**
	  ✓ **2nd International Conference on Advanced Computer Science Applications and Technologies – ACSAT2013, ACSAT 2014 and ACSAT 2015.**
	  ✓ **The Third International Conference on e-Technologies and Networks for Development (ICeND2014).**
	  ✓ **International Conference on Software Networking (ICSN2016).**
	  ✓ **Engineering science and technology an international journal, Elsevier**

1/9/2014 Until Now	➢ **Head of the Scientific Research Committee**, IT College in Irbid National University. ➢ **Member in quality assurance Committee** in Irbid National Universi ➢ **Member of the Graduate Studies Committee**, Computer Science Department in Irbid National University. ➢ **Head of Student's advising committee** for the CS department. ➢ **Head of the curriculum committee**, Computer science Department. ➢ **Member of a Review instructions Committee in scientific research**

and graduate studies
- ➢ **Head of the Programming Team in INU**
- ➢ **Member in University Council in INU**
- ➢ **Member in Faculty Council in INU**

Publications

ACADEMIC HONORS AND AWARDS

1. Presented in **3MT " Three Minute Thesis"** in Faculty of Computing, UTM, Malaysia 19/3/2014
2. Presented in **POSTGRADUATE ANNUAL RESEARCH SEMINAR PARS** AT 6TH JULY 2011 in Faculty Of Computing UTM- Malaysia
3. For the Valuable Participation for **INTERNATIONAL CULTURE FESTIVAL   2011,** From 2-4th DECEMBER 2011 in UTM- Malaysia
4. For Participation the **WORD PRESS TRAINING**, At 14 MARCH 2012 in ISS-UTM Malaysia.
5. Lecturer and Trainer **of THE PERIOD FROM FOR GENERAL FUNCTION AND BEHAVIOR, SECURITY AND PROTECTION SYSTEM AND HIDING INFORMATION**, 07 MAY 2012 UNTIL NOW in Kuala Lumpur – Malaysia.
6. For Participation in **JORDAN INDEPANDANCE DAY**, at 25 MAY 2012 IN ISS-UTM MALAYSIA
7. For Preparation And Organization in **JORDAN INDEPENDENCE DAY**, at 25 MAY 2012 in ISS-UTM Malaysia
8. Presented in **POSTGRADUATE ANNUAL RESEARCH SEMINAR PARS,** From 27-29 NOVEMBER 2012 in Faculty Of Computing UTM- Malaysia.
9. For Service Contribution And Performed Duties With Full Responsibility as **PRESIDENT OF INTERNATIONAL STUDENT SOCIETY- JORDAN SESSION 2011/2012**, from UTM International Student Center ISS-UTM MALAYSIA.
10. Training Course of the **ADVANCED INFORMATION AND IMAGE SYSTEM SECURITY**, From 6-10 January 2013 in Mariott Hotel Kualampure Malaysia.
11. Trainers and Participants the **WORKSHOP GENERAL FUNCTION AND THEIR BEHAVIOURS**, In Holayday Inn Hotel In Dubai From 8-14 February 2013.
12. For **SECRETARIAT EXECUTIVE COUNCIL FEDERATION OF THE UNIVERSITIES OF THE ISLAMIC WORLD**, From 12-13 MARCH 2013 in UTM- Malaysia.
13. For The Participant **THE 76TH ANNIVERSARY OF JORDAN'S INDEPENDENCE DAY**,

AT 25 MAY 2013 IN ISS- UTM- Malaysia

14. For The Participated in **THE WRITING THESIS/ DISSERTATION FOR POSTGRADUATE STUDENTS**, From 18-20 JUNE 2013 in Language Academy UTM-Malaysia.

15. For The Participating in **International Conference on Advanced Computer Science Application and Technologies ACSAT2013**, from 22nd – 24th December 2013 held at Kuching- Sarawak- Malaysia.

16. For presenting the paper entitled **Exploring the Challenges of MP3 Audio Steganography** in International Conference on Advanced Computer Science Application and Technologies ACSAT2013 from 22nd – 24th December 2013 held at Kuching- Sarawak- Malaysia.

17. Participant **1st international roundtable conference on Islamic leadership for Muslim scientists (IRCIL2014)**. 19-20 May 2014 at University Technology Malaysia. Kuala Lumpur.

18. Participant in 6th **International Conference on Information Science and Applications (ICISA's)**. February 24th-26th 2015, Pattaya, Thailand.

19. Session Chair in 6th **International Conference on Information Science and Applications (ICISA's)**. February 24th-26th 2015, Pattaya, Thailand.

20. Session Chair on **Arabic Natural Language Processing in Workshop of WCIS2015,** which organized by the IT faculty in Tabuk University- Kingdom of Saudi Arabia- October 7-8 th 2015, Tabuk, Kingdom of Saudi Arabia.

21. Participant in **Arabic Natural Language Processing in Workshop of WCIS2015,** which organized by the IT faculty in Tabuk University- Kingdom of Saudi Arabia- October 7-8 th 2015, Tabuk, Kingdom of Saudi Arabia.

22. Participant the workshop on **Cloud ORACLE,** which organized by the ORACLE Academy-Jordan, November 21th 2016, Amman, Jordan.

23. Participant the workshop on **ORACLE Academy Curriculum,** which organized by the ORACLE Academy- Jordan, December 4th, 2016, Amman, Jordan.

24. Participant the workshop on Publication in **High Impact Factor Journals,** which organized by INU- Jordan, October 11th, 2016, Amman, Jordan.

25. Certificate Trainer of my way to the job provided by INJAZ company- Jordan / Leadership and Employment Program. 2018

26. Certificate Trainer of MAHARAT Google provided by INJAZ company- Jordan / Leadership and Employment Program. 2018- 2019.

27. Certificate completed **data science and machine learning** course- EDRAAK platform 2019.

28. Certificate completed **Project management** course- EDRAAK platform 2019.

29. Certificate completed **Cybersecurity** course- EDRAAK platform 2019

30. Certificate completed Essential **Cybersecurity** training- CISCO platform 2019

Consultations and Committees Membership

- **Committee Member** of Graduate Internship Program Steering Committee, Ministry of Information and Communications Technology, Amman - Jordan (June 2014 – Present)
- **Committee Member**, Higher Education Accreditation Commission, Amman – Jordan (June 2013).

- **Committee Member**, Higher Education Accreditation Commission, Amman – Jordan (December 2014).
- **Technical Job Interview Committee Member**, Ministry of Information and Communications Technology, Amman - Jordan (July 2014 – Aug. 2014).
- **Consultant** Bunat Al-Ghad Secondary School Information Technology (Amman-Jordan).

Academic Committees Membership

The University of Jordan Committees
- Member of University Board (Sept. 2013 – Sept. 2014).
- Member of E-Learning Committee (Aug. 2012 – present)
- Member of The University Restructuring Committee (June 2012 – Dec. 2012)
- Member of The University Hospital Health Information System Evaluation Committee (Jan. 2013, Nov. 2014)
- Member of The University Website Committee (May 2013 – Dec. 2013)
- Member of The University Computer Competence Exam Committee.
- Member of The University Competence Skills Committee (Mar. 2013).
- Member of MIS Program & BIS program Evaluation Committee (Jan. 2013).
- Member of Anti Plagiarism Implementation Committee (Feb. 2011).
- Chairman of Computer Center Servers Procurement Committee (May 2011).

King Abdullah II School for Information Technology Committees (Sept. 2012 – Present)

Member of Curriculum Planning Committee.

Member of E-learning Committee.

Member of Examinations and Quality Assurance Committee.

Member of Graduate Studies Committee.

Member of Ph.D. Program Committee.

Member of Social Committee.

Member of Graduation Project Committee.

Member of Local Community Reach Committee.

Member of Student Affairs Committee.

Member of e-Exam Committee.

Member of Accreditation Committee.

Member of Exams Committee.

Member of Scientific Research, Conferences, Seminars, and Expositions Committee

Member of Graduation Projects Committee.

Computer Information Systems Department Committees

Chairman of Curriculum Planning Committee.

Chairman of Quality Assurance Committee.

Chairman of Graduate Studies Committee.

Chairman of M.Sc. Thesis Examination Committee.

Chairman of Student Consultative Committee.

Chairman of Student Internship Committee.

Chairman of Social Committee.

Chairman of Scientific Research & graduate Studies Committee.

Member of Many M.Sc. Thesis – Examination Committees

Technical Skills

- Office Package: Microsoft Office Suite, Visio, MS Project.
- Programming Language: Pascal, C, C++, Java, SQL, COBOL, Oracle developer suite.
- Databases: Access, RDB, Oracle.
- Platforms: Windows XP/Vista/ 2003/2007,2010,++
- +2013, Mac, Linux, Unix, VAX Open VMS.

Professional associations

Member, INCOSE - International Council on Systems Engineering

Member, ISACA - Information Systems Audit and Control Association

Member, IIA -   The Institute of Internal Auditors

Teaching

Undergraduate Level courses

Software Engineering

Database Concepts (Introduction and Advanced level)

Interpersonal Communication and Documentation

System Development and Analysis

Information System Auditing and Controls

Computer Skills

Graduation Project

Graduate Level courses

Advanced Software Engineering

Advanced Database Systems

Software Verification and Validation

Special Topics in Computer Information Systems

Advanced Topics Information System Auditing and Controls