

Alomar Saleh Ibrahim  
PhD. computing systems and networks  
Field : network security



## PERSONAL INFORMATION

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Title:	Chairmen of MIS Department Head of the Quality Center
Academic Rank:	Associate Professor
Date & Place of Birth:	8/3/1972
Nationality:	Jordanian
Address:	Arbid /jadara university/office D 120 Extension 363
Phone No.	00962-797445378 <a href="mailto:Saleh.o@jadara.edu.jo">Saleh.o@jadara.edu.jo</a>
e-mail	<a href="mailto:salehalomar@yahoo.com">salehalomar@yahoo.com</a>

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## ACADEMIC QUALIFICATIONS

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2000-2004	Degree	.( Doctor of Engineering Sciences) /computing systems and networks
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Field: Computing Systems And Network security  
Intelligent system and networks security

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1997-1999	Degree:	Master Of Computer Engineering
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University: National Technical University

Field : Computer System And Networks.

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1993-1997	Degree	Bachelor In Computer Engineering
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University: National Technical University

Field :Computer Engineering And Intellectual system

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## EXPERIENCE

2000-2001	<b>Position :</b> Assistant Teacher , In Yarmouk University, Assistant Teacher In Department Of Computer Science /IT <b>Duties:</b> instructing
2004-2008	<b>Position :</b> Assistant Professor  <b>Organization:</b> Al-Ahliyyah Amman University (AAU) Dept Faculty of information technology, CS Dep  <b>Duties:</b> Instructing and supervising graduation project
2009	<b>Position:</b> Assistant Professor  <b>Organization :</b> Amman University ,Faculty of engineering,  <b>Duties:</b> Instructing and supervising graduation project
2009/2011	<b>Position:</b> Dean assistant of QA
2011-2013	Dean assistant of strategic planning  Al-Ahliyyah <b>Organization</b> Amman University
2015-2017	<b>Position:</b> associate Professor, Faculty of engineering
2018-2019	<b>Jadara university</b> ,associate Professor, Faculty of science and information technology
2019-yet	Chairman/ Department of MIS and Dean assistant of QA  Head of the Quality center

## GRADUATE COURSES TAUGHT (2000 - 2019):

- 1-Computer skills and Introduction to computer science
- 2- Programming Language (V.Basic , Assembly Language, C/C++ ,Visual C++)
- 3-computer Networks
- 4-Computer networks and protocols
- 5- Artificial Intelligence
- 6 - Computer Architecture
- 7- Logic Design
- 8- Computer organization and design
- 9- Microprocessors &Assembly Language
- 10- Computer and networks security
- 11- networks lab
- 12- Commuter logic circuit lab
- 13- Computer organization and design lab
- 14 microprocessors lab
- 15- object oriented programming

### Training courses attended

<u>Date</u>	<u>Location</u>	<u>Title</u>
10/07/2006	Amman,Sheraton Hotel.	The Quality Assurance Agency for Higher Education "Al Hussein Fund for Excellence Computer Science Follow up Training Session".
18&19 July 2006	Amman,Sheraton Hotel.	The Center for Quality Assurance in International Education Workshop on "Promoting Excellence in Higher Education Programs"
15-16/11/2006	Amman,Jordan PrincesSumaya University Technology	Technology Commercialization,
7, 8/12/2004	Yarmouk University	the ICT innovation partnership symposium in Amman-Jordan
2006/2007	Knowledge academy	Programming Training Courses(c++)
2006/2007		CCNA Training (Cisco Certified Network Associate) Course Outline
2013	Amman university	Lab view (three weeks)

## **PUBLICATION & CONFERENCES**

1. Akram Mustafa and Saleh Ebrahim Alomar. Problems of Collision-Free Hash-Addressing of Fixed Key Array. CSIT 2008: "International Conference on Computer Science and Information", 30-31/8/2008 and 1/9/2008, Singapore, 2008.
2. Saleh Ebrahim Alomar, Akram Mustafa and Alexander Markovskyy. "The Approach to Increase of Efficiency of Identification Subscribers of the Multiuser Systems". <sup>21</sup>st International CODATA Conference Scientific Information for Society - from Today to the Future, October 5 - 8, 2008 - Ukraine, Kiev, <http://www.codata08.org.ua>.
3. Saleh Ebrahim Alomar and Akram Mustafa. "E-commerce in small firms Use, barriers and benefits". The 2009 International Conference on e-commerce, e-Administration, e-Society, and e-Education (e-CASE 2009), January 8-10, 2009, Singapore, <http://www.e-case.org/2009>.
4. Akram A. Moustafa and Saleh Alomar, "The Protection of Modular Exponentiation Operands from Their Reconstruction by Simple Power Analysis", ICCSA\_36 (International Conference on Computer Science and Applications 2009), 20-22 October, 2009, San, Francisco, USA. <http://www.iaeng.org>.
5. Saleh Alomar, Akram A. Moustafa and Eyad A. Shahroury, " Weighted Check Sum Usage for Increasing Data Transfer Errors Detection and Correction Efficiency", 2010 International Conference on Theoretical and Mathematical Foundations of Computer Science (TMFCS-10), 12-14 July ,2010 ,Orlando, Florida, USA.
6. Akram A. Moustafa ,Ziad A. Alqadi, Majed Alduari and Saleh Alomar," Practical Approach to Genetic Algorithm Cryptanalysis", International Review on Computers and Software (IRECOS), Vol. 4, No. 6, pp. 658-663, 2009

7. Saleh alomar, International scientifically-practical conference "modern information and electronic Technologies -2001" 28-31 of may 2001,odesa .c.148-149
8. saleh alomar, Structural and Logical LAN Models for control and fault detection // Radioelectronics and Computers. – 2002. – № 4. – p. 83-89.
9. saleh alomar, Modeling and Testing of Corporate networks to analyze their functioning Safety // Controlling Systems and Machines.– 2000.– № 5-6. – p. 88-100.
10. Alexander Markovskyy and Saleh alomar International scientifically-practical conference "system analysis and information Technologies 2003 " 1-3 of July 2003,kiev. c.104-105
11. Saleh Alomar, International scientifically-practical conference "modern information and electronic Technologies " 19-23 of june 2004,odesa. c.131-132.
- 12 Saleh alomar, Scientific Information for Society -from Today to the Future (The Approach to Increase of Efficiency of Identification Subscribers of the Multi-user Systems ) Ukraine, Kyiv, 5- 8 October, 2008
13. Saleh Al-Omar, Atef Obeidat **Engineering, 2012, 4, 768-773** doi:10.4236/eng.2012.411098 Published Online November 2012 (<http://www.SciRP.org/journal/eng>)  
“ Burst Error Correction Method Based on Arithmetic Weighted Checksums “
14. **Adaptive Method of Increase of Package Network Load**  
**Engineering** Vol.5 No.12, December 20, 2013 (<http://www.scirp.org/journal/eng>)
15. Saleh Al-Omar” Method of Designing Generators of Pseudorandom Sequences for Information Protection Based on Shift Register with Non-Linear Feedback Function”  
**Journal of Information Security** Vol.5 No.4, October 29, 2014
16. Alomar Mhamad, Saleh Al-omar, Atef Obeidat  
[Influence of traffic prognostic mechanism on quality of adaptive control of switchboard](#)  
Contemporary Engineering Sciences, Vol. 7, 2014, no. 33, 1763-1776  
<http://dx.doi.org/10.12988/ces.2014.4797>
- 17- Binary Heap Based Fair Scheduling Algorithm in Optical Burst Switching Networks”,  
Review on Computers and Software (IRECOS), Vol 11, No 3( 224- 231),1/3/2016 Saleh Al Omar, Abdelwadood Mesleh, Aws Al-Qaisi. Scopus.
- 18-saleh alomar ,saleh khwatra,Comparative analysis of modern methods and algorithms of cryptographic protection of information, International Journal of Computer Science and Information Security, Vol. 15 No. 12 DEC 2017 (pp. 326-330), Thomson Reuters - Web of Science (Indexing in process) & Scopus.
- 19-“Crypto-Semantic Method of Text Data Protection” Saleh Ebrahim Alomar, Hazem Hatamleh Vol.7, No.8, 2016 (39-46) Computer Engineering and Intelligent Systems,Scopus.

#### MEMBERSHIPS

Membership	Location	Date
member of JEA	Amman	1999
Amman scientific research	Amman	2002
QA in University	Amman university	2009-2018

## COMMITTEES

Committee of quality assurance	Location: FOE/ AAU	Date:2009-2011
Committee of strategic plan	Location : FOE	Date: 2009-2011
Committee graduation project	Location FOE	Date: 2009-2011
Committee of library	Location : IT/AAU	Date: 2005
Committee of online Exams	Location : IT/AAU	Date: 2007
Committee of ABET	Location :FOE	Date : 2014-2018
Scientific Research Committee	Al-Ahliyya Amman University, Amman Jordan	Date :2012- 2018

## RESEARCH INTERESTS

- application of AI and expert systems
- computer communication networks
- wireless sensor networks.
- networks and data security
- project manager

## LANGUAGES

Arabic	native	nglish	very good	Russian	excellen
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## REFERENCES

■ Professor Ghassan Kanaan

Vice President /Dean of Computer Science  
and Information Technology College  
Mobile **078 054 0040**

■ Professor. Riad Alshalby, Yarmouk University and Amman Arab University ,Department Of  
IT Mobile **078 054 0040**

■ Professor khaled El-zayyat

Al-Ahliyyah Amman University Department Of Computer Engineering  
Tel 9620796555331-4028  
E-MAIL: [kelzayyat1966@yahoo.com](mailto:kelzayyat1966@yahoo.com)

■ Professor Mohammad Al-Haj Hasan- Al-Ahliyyah Amman University Department Of  
Information Technology

Tel 9620796555331-2106 E-MAIL [Hajhasan@Ammanu.Edu.Jo](mailto:Hajhasan@Ammanu.Edu.Jo)

■ Professor Hasan Al -Sakran MIS department King Saud University  
Email: halsakran@ ksu.edu.sa Mobile: 00966595249867