



Curriculum Vitae



Dr.Khaldoun Besoul

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Personal Information

NAME: KHALDOUN A.A.BESOUL

POSITION: Assistant Professor

CITIZENSHIP: JORDANIAN

ADDRESS: Jordan –Irbid

MARITAL STATUS: MARRIED



PLACE AND DATE OF BIRTH: JORDAN / JANUARY 05, 1969

No. of children: three.

EDUCATION

- **Ph.D. DEGREE (2001),**
National Technical University of Ukraine.
THESIS TITLE: "methods and means of multicasting routing in computer networks"
FIELD OF SPECIALTY: "Computer Engineering" / SYSTEMS AND
COMPUTER NETWORKS"
- **ME. Degree (1998),**
National Technical University of Ukraine



FIELD OF SPECIALTY: "Computer Engineering"

- **BSC. Degree (1996),**
National Technical University of Ukraine
FIELD OF SPECIALTY: "Computer Engineering"

Professional Experience:

IRBID
NATIONAL
UNIVERSITY
2001-2010

Assistant Professor in Computer Science Department

King Abdul-
Aziz University
2010-2017

Assistant Professor In Electrical & Computer Engineering Department

Languages:

<i>ANGUAGE</i>	<i>READING</i>	<i>WRITING</i>
- <i>ARABIC</i>	<i>EXCELLENT</i>	<i>EXCELLENT</i>
- <i>ENGLISH</i>	<i>VERY GOOD</i>	<i>VERY GOOD</i>

Courses Taught at the University Level:

1. Computer networks 1,2
2. Introduction to Computer Science.
3. Graduation Projects.
4. Cryptography.
5. Information Security.
6. Data Base.
7. Microprocessor and microcontroller.
8. Computer organization and architecture.
9. C++ language.
10. Digital Logic Design.
11. Visual Basic.
12. Wireless networks
13. Data Structure and algorithms.
14. Analysis and design algorithms.
15. Management Information System.
16. Object-oriented programming (OOP)
17. System Analysis and Design.
18. Introduction to Information System.
19. Java language.
20. Assembly language
21. Introduction to communication.
22. Discrete math
22. Circuit analysis

RESEARCH INTERESTS:

Computer Networks, computer systems, distributed systems, information systems

PUBLICATIONS

1. Safwan Al Salaimeh, **Khaldoun Albesuol**, 2006 // Digital Art and Desgin, *Leonardo journal of science*, p 1-8.
2. **Khaldoun Besoul**,Safwan Al salaimeh,2007// The structure of logistics organizational technological system, *Romanian journal of social information*,p126-129.

3. Zafer Makhadme, **Khaldoun Besoul**, 2011//Optimizing process for allocation of distributed resource in unsuitable function constraint condition, *Canadian Journal on Automation, Control and Intelligent Systems, Vol.2, No.2, March 2011.*
4. Safwan Al Salaimh, **khaldoun Besoul**, 2011// combined method of routing multimedia data in computer networks .*international journal of Advanced Research in Computer Science, volume 2, No.5, Sept-Oct 2011*
5. **khaldoun Besoul**, 2013/ / Computer Applications in the Distribution of Incompatibilities in the Works of ERP . *International Journal of Computer Applications (0975 – 8887) Volume 69– No.24, May 2013*
6. **Khaldoun Besoul**, Ayman Nayef ALhalaybeh // Analysis of authentication methods of satellite communication channels. *International Journal of Computer Science and Mobile Computing, Vol.8 Issue.3, March- 2019, pg. 91-96.*
7. **Khaldoun Besoul** // A computer networks as an element of logistics information systems. INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY, et al., 8(3): March 2019, pg161-164
8. Dr. Ayman ALhalaybeh, **Khaldoun Besoul**, Safwan Al Salaimh//Development of a model for monitoring and analysis of road traffic using an algorithm for neural networks. *International journal of engineering research and technology. ISSN 0974-3154, volume 13, number 2 (2020), pp.334-338. <http://www.irphouse.com>.*
9. **Khaldoun Besoul**, S. Al Salaimh^{b*}, A. Al Halaybeh^a, N. Hajiyev//Development of the Functional and Management Structure for the Computerized Management System under the Influence of Direct Environment Factors. ENGINEERING TECHNOLOGIES AND SYSTEMS. ISSN Print 2658-4123, ISSN Online 2658-6525, Vol. 30, no. 2. 2020. <http://vestnik.mrsu.ru.pp.313-325>.
10. Dr. Ayman Nayef Al Halaybeh¹, **Dr. Khaldoun Besoul**², Prof. Dr. Safwan Al Salaimh// The Most Important Risks Resulting From The Computerization of Smart Decisions. *iRASD Journal of Management. Volume 2, Number 1, 2020, Pages 49 – 55*
<https://journals.internationalrasd.org/index.php/jom>
11. Fayez Alqahtani ^a, Mohammed Al-Maitah ^{a,*}, **Khaldoun Besoul** ^b, S.K. Elagan// Elastic Computing Resource Virtualization Method for a Service-centric Industrial Internet of Things. *Computer Networks* 190 (2021) 107955. www.elsevier.com/locate/comnet.
12. Safwan Al Salaimh^{1*}, **Khaldoun Besoul**², Ayman Nayef Al Halaybeh². POWERFUL ALGORITHM FOR ADAPTIVE RECOGNITION OF DYNAMIC SYSTEM PARAMETERS, *International Journal of Ecosystems and Ecology Science (IJEES)*. Vol. 12 (1): 119-124 (2022), www.ijeess.net.
13. Dr. Khaldoun Besoul//Digital transformation in the health sector, *International Journal of Mechanical Engineering*, Vol. 7 No. 1 January 2022: p: 1164-1169
<https://kalaharijournals.com/ijme-vol7-issue-jan2022.php>.
14. Dr. Khaldoun Besoul// Design of Digital Cellular Communication Networks, *Webology*. Volume 19, Number 2, 2022. <https://www.webology.org/> [https://www.webology.org/data-cms/articles/20220217111736pmwebology%2019%20\(2\)%20-%20226%20pdf.pdf](https://www.webology.org/data-cms/articles/20220217111736pmwebology%2019%20(2)%20-%20226%20pdf.pdf)
15. Khaldoun Besoul, Qasim Al Mahmoud and Ayman Alhalaybeh. INFORMATION THEORETICALLY SECURE KEY EXCHANGE ALGORITHM, *Advances and Applications in*

16. Qasim Al Mahmoud, KhaldounBesoul and Aymen Alhalaybeh. **UNCONDITIONALLY SECURE FAIR (t, n) -SECRET SHARING SCHEME**, *Advances and Applications in Discrete Mathematics*, Vol.38 No.1, 2023, Pages 127-143. <http://dx.doi.org/10.17654/0974165823024>

Conferences:

1, **Khaldoun besoul**, Osama Rababh, 2003 // The Parametric Sensitivity of Actuation Induction Motor with Solid Rotor as Element of Control System. *The First Scientific Conference of Mathematics and computer, Irbid National University p 27.*

2. AL-Zaytoonah University of Jordan أثر زمن تنفيذ المهام على أداء أنظمة الزمن الحقيقي الموزعة ICITNS - 2003.

3. **Safwan Al Salaimh, Dr.khaldoun Besoul, 2019**// MATHEMATICAL MODELS OF COMPUTERIZED MANAGEMENT SYSTEM AND METHODS OF THEIR CONSTRUCTION. *Black sea, scientific journal of academic research, march 2019, volume 45 Issue 02,pg23-27.* <http://SC-media.org/gulustan-bssjar>.

Committees Membership:

- ❖ Member of the Library Committee and Computer Committee
- ❖ Member of appointment committee
- ❖ Member of election Committee for the best Programmer at Irbid National Univ. (2004).
- ❖ Member of Development committee for computer network
- ❖ Member of the Curriculum Committee.
- ❖ Member of the election committee.
- ❖ Head of the training committee.
- ❖ Member of accreditation committee in Irbid national university.
- ❖ Member of the Curriculum Committee in king abdul-aziz university (KSA)
- ❖ member of the laboratory committee in king abdul-aziz university (KSA)
- ❖ Chairman of the Cultural Committee in king abdul-aziz university (KSA)
- ❖ Head of the plan and Curriculum Committee in King Khalid university (KSA)/Tanumah

Training courses:

- ✓ The Workshop Training in Teaching Methods and Evaluation, Irbid University , Jordon 23rd – 27th February 2003
- ✓ The Scientific Workshop in The Methodology of Scientific Research and Constraints, Irbid University , Jordon 16th – 19th February 2004
- ✓ The Scientific Workshop In Guidance And Evaluation, Irbid University, Jordon 23rd 24th February 2007
- ✓ The workshop Training in New Trends for the Evaluation & Measurement Center and the Establishment of Items Bank,2020, King Khalid University.
- ✓ The workshop Training in Assessing the Learning Outcomes for E-Tests Using the Statistical Software SPSS, 2020, King Khalid University.