

Professor Khalid Khanfar, Ph.D.

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■ Education

Ph.D., Computer Science	Illinois Institute of Technology, Chicago, IL, USA	1992-1996
M.Sc., Computer science	Western Michigan University, Kalamazoo, MI, USA	1990-1991
B.Sc., Computer Science	Yarmouk University, Irbid, Jordan	1981-1985

■ Administrative Leadership Positions

- **Director of Kadoorei e-Learning Center** 2018-present
- **Head of Department**
 - ❖ Information Security Department, Naif Arab University for Security Sciences, SA 2015-2018
 - ❖ Computer Science Department, Arab American University, Palestine 2009-2011
 - ❖ CIS Department, Arab Academy for Banking and Financial Sciences, Jordan 2004-2005
- Responsibilities:
 - ♦ Supervise Curriculum/Courses Development
 - ♦ Manage the department resources
 - ♦ Oversee the examination process internally and externally
 - ♦ Monitor instructors performance (including lectures, assignments)
 - ♦ Manage staff recruitment and retention
 - ♦ Develop partnership with other department in other universities
 - ♦ Assist faculty members in their self-development
 - ♦ Represents the department in the College Council
- **Dean**

- ❖ **Dean of the Faculty of Science and Information Technology, Zarqa University, Jordan** 2013-2014
- ❖ **Dean of the Faculty of Information Technology, Arab American University, Palestine** 2003-2004

Responsibilities:

- ♦ Work with the president, the other deans, and other executives to achieve the university goals
- ♦ Represent the college in the Deans Council
- ♦ Prepare strategic plans
- ♦ Lead program and course evaluation and ensure the continuity of the assessment
- ♦ Direct new faculty recruitment
- ♦ Foster research among all faculty members
- ♦ Foster the idea of getting funded projects
- ♦ Direct and coordinate the activities and the events for all college departments and programs
- ♦ Prepare college budget and control the expenditures

- ♦ Conduct analysis and make recommendations and decisions based on findings
- ♦ Coordinate the entire college course schedule
- ♦ Manage the college resources
- ♦ Maintain a healthy-work environment at the college level

- ❖ **Dean of Scientific Research, Arab American University, Jenin, Palestine** 2011-2012

Responsibilities:

- ♦ Work with the president, the other deans, and other executives to achieve the university goals
- ♦ Lead the Council of the Scientific Research
- ♦ Set research policies
- ♦ Foster the research at the university level
- ♦ Prepare the research budget
- ♦ Direct the process of the Engineer Zuhair Hijjawi award for scientific research
- ♦ Network with other universities to strengthen the scientific research

- ❖ **Founder-Dean of Student Affairs, Arab Academy for Banking and Financial Sciences, Jordan** 2005-2007

Responsibilities:

- ♦ Work closely with the President, Deans, and Executives to achieve the university objectives
- ♦ Provide high quality services for all students specially who are coming from other countries
- ♦ Provide programs to get the students engage in the society
- ♦ Provide financial assistance to the needy students
- ♦ Provide assistance to the students to resolve their personal problems
- ♦ Oversee the student conduct
- ♦ Working closely with the Students Council

• Vice President for Planning and Development

- ❖ Arab American University, Jenin, Palestine 2011-2012

Responsibilities:

- ♦ Work closely with the President, Deans, and Executives to achieve the university objectives
- ♦ Develop new academic programs and get them accredited
- ♦ Conduct the process of ensuring that the quality of the teaching process and the quality of the academic programs are in-line with the standards.
- ♦ Establish partnership with national and international universities
- ♦ Develop strategic plan for the university
- ♦ Direct the IT center of the University
- ♦ Direct the continuous workshops for the faculty members

- **Acting President** (*During the leave of the president*) 2011-2012

- ❖ Arab American University, Jenin, Palestine

Responsibilities:

- ♦ Working with the Chairman of the Board of Directors
- ♦ Oversee the university operations
- ♦ Conduct the Deans Council meetings
- ♦ Discuss student issues with the Students Council
- ♦ Provide suggestions to the academic units and administrative units to ensure that the goals of entire university are achieved

- **Deputy Vice President for Academic Affairs**

- ❖ Arab Academy for Banking and Financial Sciences, Jordan

2007-2007

Responsibilities:

- ♦ Coordinate the processes between the headquarters and the branches
- ♦ Get new programs accredited
- ♦ Reengineer the curricula to meet NARIC standards
- ♦ Establish the Quality Assurance Department
- ♦ Install and implement Oracle Enterprise System (Financial module, CRM module, Registration module)

■ **Secretary General**

- Colleges of Computing and Information Society

2013-2014

Responsibilities:

- ♦ Promote the QA of the IT academic programs at the Arab Universities
- ♦ Expand the Colleges of Computing and Information Society by attracting new colleges
- ♦ Expand the Colleges of Computing and Information Society academic activities
- ♦ Prepare the Strategic Plan for the society

- The International Arab Conference on Information Technology

2013-2014

Responsibilities:

- ♦ Call for papers
- ♦ Prepare financial and administrative reports
- ♦ Coordinate the hosting issues with the hosting university
- ♦ Oversee the publication process

■ Editor-in-Chief

• The International Arab Journal of Information Technology

2013-2014

Responsibilities:

- ♦ Select the Editorial Board Members
- ♦ Select the International Advisory Board members
- ♦ Design the publishing guide lines and rules
- ♦ Oversee the process of publication
- ♦ Maintain the high quality of the publications
- ♦ Resolve publications issues
- ♦ Prepare the budget

■ Consultant

• IT Advisor to the Minister of Education

2008-2009

❖ Ministry of Education, Bahrain

Responsibilities:

- ♦ Select the proper Learning Management System
- ♦ Sets the guide lines for the e-lessons
- ♦ Formulate partnerships with national and international firms and organizations such as eWorldwide Group, Center for Children and Technology of New Yourk, Kuriki, Micro Soft, CISCO, and SUN Microsystems
- ♦ Conducts visits to the schools to ensure that the teaching process is in-line with the policies

• City of New Orleans, and State of Louisiana

Feb, 1998–
Sept, 1999

❖ American Management Systems Inc., New Orleans, LA

Responsibilities:

- ♦ Develop New Financial and HR systems
- ♦ Develop Batch Programs
- ♦ Analyze, and solve issues related to debt management, investment management, and HR.
- ♦ Design specifications for unit testing, integrated testing, and system testing

■ Teaching

• ONLINE

❖ Ph.D.

- ♦ Sudan University of Science and Technology (Part Timer), Sudan
Course: Distributed Systems

2014-2015

❖ Master

- ♦ University of Phoenix (Part Timer), USA
Course: Technology Transfer in the Global Economy

2002-2005

❖ Bachelor

- ♦ University of Phoenix (Part Timer), USA
Courses: Courses: C++, and Windows 2000

2002-2005

- ♦ Baker College (Part Timer), USA 2003-2004
Courses: Information Management Systems, Java, Web Development, Apache Server, and Advanced HTML Programming.
- **CLASSROOM**
 - ❖ **Ph.D.**
 - ♦ Arab Academy for Banking and Financial Studies, Jordan & Syria 2004-2008
Courses: Advanced Topics in Distributed Systems, Advanced Topics in Networking, Advanced Topics in Cryptography, and Advanced Topics in Information security
 - ❖ **Master**
 - ♦ Naif Arab University for Security Sciences, Saudi Arabia 2015-Present
Courses: Network Forensics, Information Security, Information Security Management, and Network Security
 - ♦ Zarqa University, Jordan 2013-2015
Courses: Networking
 - ♦ Ahlia University, Bahrain 2008-2008
Courses: Information Technology Security
 - ♦ Arab Academy for Banking and Financial Studies, Jordan & Syria 2004-2008
Courses: Network Security, Intrusion Detection Systems Information Security, Advanced Operating Systems, Management Information Systems, Research Topics, Business Information Technology, and Business Data Communications.
 - ♦ University of Phoenix (Part Timer), USA 2000-2004
Courses: Project Management, and Technology Transfer in the Global Economy
 - ❖ **Bachelor**
 - ♦ Zarqa University, Jordan 2013-2015
Courses: Networking, and Java
 - ♦ Arab American University, Palestine 2012-2013
Courses: Networking, Computer Architecture, Data Structures, Algorithms, Theory of Computation, Programming Languages, Digital Logic, Object Oriented Programming using (Java), Software Engineering, Project Management, C Language, Database, Management Systems, MS Office, and, Introduction to Computers 2003-2004 2002-2002 2000-2001
 - ♦ Ahlia University, Bahrain 2008-2008
Courses: Introduction to Java Programming, Advanced Java Programming, Database, Distributed Systems, and Operating Systems
 - ♦ Arab Academy for Banking and Financial Studies, Jordan 2004-2008
Courses: Networking

- ♦ University of Phoenix (Part Timer), USA 2000-2004
Courses: Management Information Systems, C++, Computer Architecture, Computer Information Processing, Java Language, Operating Systems (Win98, Unix, MVS), Data Communications

Certificate courses: A+, and Net+
- ♦ Southeastern Louisiana University, USA 2001-2002
Courses: Computer Architecture, Computer Overview, and C++ Language.
- ♦ Applied Sciences University, Jordan 1999-2000
Courses: Digital Logic and Computer Design, Computer Networks, Pascal Language, C++ Language, Computer Architecture, and File Processing, and C Language. 1996-1997
- ♦ University of New Orleans (Part Timer), USA 1998-1999
Courses: Introduction to Computers, C Language, and Pascal Language.
- ♦ Dillard University, USA 1999-1999
Courses: Pascal Language, Assembly Language, and Operating Systems.
- ♦ Robert Morris College, IL, USA 1997-1998
Courses: Systems Analysis & Design, Maintaining, Upgrading, & Troubleshooting PC, and MS Products
- ♦ Winona State University, MN, USA 1993-1994
Courses: Systems Analysis and Design, COBOL, Computers and Society, and Design with CASE Tools
- ❖ **Community College**
 - ♦ Prestonsburg Community College (University of Kentucky System), USA 1994-1997
Courses: Systems Analysis and Design, Lotus 1-2-3, WordPerfect, dbas, and Design with CASE Tools
 - ♦ Tulkarm Community College, Palestine 1986-1989
Courses: Systems Analysis and Design, FORTRAN, Data Processing, BASIC, and COBOL.

■ Industry

- Founder, Co-owner, and General Manager

❖ Advanced Integrated Technology Systems, Palestine

2000-2003

This company specialized in:

- ♦ Networking solutions
- ♦ Software development
- ♦ Training
- ♦ Software and Hardware maintenance

■ Supervision

• Ph.D. Students Supervised

1. Fadia Elbager, *An Efficient Algorithm for Enhancing Transaction Performance in Real Time Database System*, 2018, Sudan University of Science and Technology, **Advisor**.
2. Nidal Hussein, *An Efficient Search Model Over Encrypted Arabic Document in Cloud Computing*, 2018, Sudan University of Science and Technology, **Advisor**.
3. Saleh A. Khawatreh, *A Model for the Estimation of Buffer Requirement in Distributed Networks*, 2009, Arab Academy for Banking and Financial Sciences, **Advisor**.
4. Iyad Jaber, *Routing in Mesh-Hypercube Network*, 2009, Arab Academy for Banking and Financial Sciences, **Advisor**.
5. Amal Amawi, *Performance Analysis in an Integrated Network*, 2009, Arab Academy for Banking and Financial Sciences **Advisor**.
6. Ahmad Al-Odat, *An Efficient Hybrid Discretization Algorithm*, 2007, Arab Academy for Banking and Financial Sciences, **Committee Member**.
7. Azzam Hannon, *The Level of Internet Voluntary Financial Disclosure and the Factors Influencing IT*, 2007, Arab Academy for Banking and Financial Sciences, **Committee Member**.
8. Adel Alqatawneh, *The effect of using information technology on the effectiveness of accounting information system*, 2005, Arab Academy for Banking and Financial Sciences, **Committee member**.
9. Mohammad Al-Laham, *Human-computer interaction cycle: a study of user requirements towards enhancing systems (websites) customization in Jordan*, 2005, Arab Academy for Banking and Financial Sciences, **Committee member**.
10. Ibrahim Tadros, *Success factors in Jordanian e-government*, 2005, Arab Academy for Banking and Financial Sciences, **Committee member**.

• Master Students Supervised

1. Mohammed Alolayan, *An Effective Algorithm for Detecting Attacks In Wireless Sensor Network (WSN)*, 2017, Naif Arab University for Security Sciences. **Advisor**.
2. Mohammad Alshammari, *The role of electronic transactions in reducing administrative corruption from the point of view of workers in the passports of King Khalid Airport in Riyadh*, 2018, Naif Arab University for Security Sciences. **Advisor**.
3. Abdullah H. Almutairi, *Improving Signature-Based Intrusion Detection Systems*, May 2017, Naif Arab University for Security Sciences. **Committee Member**.
4. Moteb bin Saadi Daifallah Al-Ghbiwi, *The role of electronic transactions in the completion of administrative formalities in the General Directorate of border guards*, May 2017, Naif Arab University for Security Sciences. **Advisor**.

5. Sahar Barjas bin Jurais, *The Management of information systems and its role in communication efficiency from the point of views of KSU female employees*, May 2016, Naif Arab University for Security Sciences. **Advisor**.
6. Naif Hussein Moshabeb Al-Wadie, *Effectiveness of Information Security Policies included in Securing the Phases of Building and Developing the Saudi Information Systems: An Analytical Study*, May 2016, Naif Arab University for Security Sciences, **Committee Member**
7. Sa'id M. Ibrahim, *Impact of Information and Communication Technology on Healthcare in Health Centers in the West Bank – Palestine* 2013, Alnajah University, **Committee Member**.
8. Hana Hirbawi, *Portable Parallel Object-Oriented Computing Mode*, 2004, Al-Quds University, **Committee member**.

■ Committees

• Academic

- ❖ Naif Arab University for Security Sciences
 - ♦ University Scientific Council, Member
 - ♦ Promotion Committee, Member.
- ❖ Zarqa University, Zarqa, Jordan
 - ♦ E-Learning Center Council, Head
 - ♦ University Automation Committee, Head
 - ♦ Scholarships Regulations Committee, Member
 - ♦ Curricula Development Committee, Member
 - ♦ Scientific Research Council, Member
 - ♦ Faculty Conduct Council, Member
 - ♦ Promotion Committee, Member
- ❖ Arab American University, Palestine
 - ♦ Strategic Planning committee, Head
 - ♦ Curricula Development Committee, Head
 - ♦ IT Enhancement Committee, Head
 - ♦ Scientific Research Council, Head
 - ♦ Faculty Conduct Council, Head
 - ♦ Admission Policy Committee, Member
 - ♦ Promotion Committee, Member

❖ Arab Academy for Banking and Financial Sciences, Amman, Jordan

- ♦ Curricula development committee, Head
- ♦ Graduation committee, Head
- ♦ Yearly Book committee, Head
- ♦ Students handbook committee, Member
- ♦ Students conduct committee, Member
- ♦ Accreditation committee, Member

❖ Southeastern University, Hammond, Louisiana, USA

- ♦ Graduate students committee, Member

● **Non Academic**

❖ Arab Academy for Banking and Financial Sciences, Amman, Jordan

- ♦ Purchasing committee, Head
- ♦ Health Insurance committee, Head
- ♦ Marketing committee, Member

■ **Certificates**

- ♦ A+
- ♦ Net +
- ♦ MCSA
- ♦ MCSE.

■ **Workshops**

- ♦ University Governance, World Bank (Egypt) 2011
- ♦ Leadership Talks (Negotiations Success) (Bahrain) 2008

■ **Conducted Seminars**

- ♦ Modernising Learning Environment, Bett Middle East 2017, UAE 2017
- ♦ E-Government (Palestine) 2010
- ♦ Networking Security (Yemen) 2007
- ♦ Intrusion Detection Systems (Yemen) 2007
- ♦ E-Learning (Jordan) 2007

■ **Membership**

- ♦ The International Arab Conference on Information Technology, **Steering Committee member** 2013-Present
- ♦ The International Conference on Information Technology, **International Advisory member** 2017
- ♦ The International conference on new trends in computing sciences, **program committee member** 2017

■ **Publications**

- CWHF algorithm for Scheduling Real-Time Transactions, International Journal of Computer Trends and Technology (IJCTT), Volume-54, No.2, 2017. Fadia A. Elbagir, Ahmed Khalid, and Khalid Khanfar.

- *Encrypted Arabic Documents Search Model using Fuzzy Keywords in Cloud Computing*, International Journal on Informatics Visualization, Vol. 1, No. 2, 2017, Nidal Hassan Hussein, Ahmed Khalid, and Khalid Khanfar.
- *A New Conceptual Framework Modelling for Cloud Computing Risk Management in Banking Organization*, International Journal of Grid and Distributed Computing, Vol. 9, No. 9, 2016, Abdelrafe Elzamly, Burairah Hussin, Samy Abu Naser, Khalid Khanfar, Mohamed Doheir, Ali Selamat, and Abdullah Rashed.
- *A Comparative Study of Load Balancing Algorithms: A Review Paper*, International Journal of Computer Science and Mobile Computing, (IJCSMC), Vol. 5, No. 6, 2016. Zahra Mohammed Elngomi, and Khalid Khanfar.
- *A Survey of Cryptography Cloud Storage Techniques*, International Journal of Computer Science and Mobile Computing, (IJCSMC), Vol. 5, No. 2, 2016. Nidal Hassan Hussein, Ahmed Khalid, and Khalid Khanfar.
- *A survey of Commit Protocols in Distributed Real Time database systems*, International Journal of Computer Trends and Technology (IJCTT), Volume-31, No.2, 2016. Fadia A. Elbagir, Ahmed Khalid, and Khalid Khanfar.
- *Mobile Agent: A Comparison Review*, International Journal of Computer Science and Mobile Computing (IJCSMC), Vol. 4, No. 7, July 2015, Khalid Khanfar.
- *Scalable Routing in Mobile Ad Hoc Networks*, , International Journal of Computer Science and Mobile Computing (IJCSMC), Vol. 4, No. 6, June 2015, Khalid Khanfar.
- *An Efficient Security Approach in Mobile Ad Hoc Networks*, , International Journal of Computer Science and Mobile Computing (IJCSMC), Vol. 3, No. 10, October 2014, Khalid Khanfar.
- *Toward Building Events Database to Support IR Systems*, International Journal of Computer Processing Of Languages (IJCPOL), Vol. 23, No. 4, 2011, Abuleil Saleem, Khanfar Khalid, Alsamara Khaled, and Hani Abu-Salem.
- *The Impact of Quality Assurance Department/Section Existence on Software Quality*, Journal of International Review on Computers and Software (IRECOS), January 2011. Khalid Khanfar, Mostafa Alzou'bi, and Asim El Sheikh.
- *Closed Circle Internet E-Payment System Schema*, Journal of International Review on Computers and Software (IRECOS), May 2009. Khalid Khanfar, Asim Elsheikh, Ismail S. Alazzah, and Aldeen Alqousini.

- *A Taxonomy of IT Project Failure Root Causes*, Vol. 5, No 1, 2009, Journal of International Management Review, Walid Al-Ahmad, Khalid Al-Fagih, Khalid Khanfar, Khalid Alsamara, Saleem Abuleil, and Hani Abu-Salem.
- *The Impact of CSMA/CD and Token Ring on System Performance and Stability of Integrated Wired and Wireless Networks*, April 2009, International Journal of web Applications, Khalid Khanfar, and Amaal Al-Amawi.
- *Estimation of Buffer Requirements in Computer Networks*, International Journal of Soft Computing Applications (IJSCA), Issue 4, January 2009. Saleh A. Khawatreh, and Khalid Khanfar.
- *Best Practices in e-Business Process Management. The C2C and C2B Models*, Journal of International Review on Computers and Software (IRECOS), January 2009. Khalid Khanfar, Asim Elsheikh, and Ibrahim Elbadawi.
- *A New Enhancement for Security Mechanism in Routers*, Journal of Computer Science, Issue 7, Vol. 4, 2008. Khalid Khanfar, Riyad Khanfar, Walid Al-Ahmad, and Eyas El-Qawasmeh.
- *Managing Software Project Risks with Chi-Square (χ^2) Technique*, journal of International Management Review, Vol. 4, No. 2, 2008, Khalid Khanfar, Abed Elzamy, Walid Al-Ahmad, Eyas El-Qawasmeh, Khalid Alsamara, and Saleem Abuleil.
- *The Performance of Integrated Wired Networks with Wireless Networks*. IEEE International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2008) (Co-sponsored by IEEE), Czech Republic Aug, 2008. Amaal Al-Amawi, Khalid Khanfar, and Eyas El-Qawasmeh.
- *Performance of Integrated Wired (Token Ring) Network and Wireless (PRMA) Network*. The Journal of Digital Information Management, Vol 5 NO.6. December 2007. Amaal Al-Amawi, and Khalid Khanfar.
- *A model for the Estimation of Buffer Requirement in Distributed Networks*. CSIT2006 4th International conference, April 5-7, Amman, Jordan, Saleh A. Khawatreh, Khalid Khanfar.
- *Customer Satisfaction with internet banking web Site (Case study on the Arab Bank)*. CSIT2006 4th International conference, April 5-7, Amman, Jordan. Khalid Khanfar, A. Abdallah Rashed, Abed Elrafe Elzamy, and Abed Elbaset Elmasri.
- *An Effective LRU with Random Replacement Policy for Simultaneous Requests for Cache Memory*. International Arab Conference on Information Technology (ACIT'2003), Cairo, Egypt, December 2003, Khalid Khanfar
- *An Effective Prefetch Policy using LRU with Random*, 2003 International Conference on Management Science and Engineering (ICMSE2003), Atlanta, Georgia, USA, August 2003, Khalid Khanfar
- *An Effective LRU with Random Replacement Algorithm*, The 2003 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA'03), Las Vegas, Nevada, USA, 2003, Khalid

Khanfar

■ Personal

Canadian; Married; Three sons and Three daughters; Languages: English, and Arabic.

■ References

- Dr. Majdi Owda, Manchester Metropolitan University, UK, Tel: + 447731454528, email: m.owda@mmu.ac.uk
- Dr. Nabil Hasasnah, Acting Vice President for Academic Affairs, Hebron University, Hebron, Palestine, Tel: +970599996170, email: Nabilh@hebron.edu
- Dr. Muayad Masoud, Arab American University, Jenin, Palestine, Tel: +970599029436, email: mmasoud@aauj.edu