Ahmad Sabri Mousa Saqer, PhD

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COMPUTER SYSTEMS/NETWORKS AND COMMUNICATION ENGINEER, PHD

Possessing developed skills that have been gained through establishing and developing full IT projects, communications, networks, and infrastructures from initial conception to completion. Experience covers customer liaison, design, testing to successful implementation within budget, scope, timescales, and process limitations. Extensive LAN, WAN, Hardware, and Software experience. Working cross-functionally within an organization, partnering with others, or driving business objectives as a group, multi-site environment, maintaining the delivery of IT & telecommunications services, and technology projects. Up-to-date on Telecommunications, Wireless Systems, Networking, Smart Devices, IT, Computer Systems developments, Networks Technologies and Tools, Information Security, Networks Security, Cyber Security, with good experience in various SIEM Tools and. Academically, experience more than seven years in teaching, Managing/Supervising, and developing various courses in Computer Networks, Communications, Security, and Programming. Provided various training courses in technology for students, staff and the public. Two years as a member of development courses committee.

AREAS OF EXPERTISE

- Mobile Communications
- Computer Networks
- WiMAX & WiFi Advanced
- Comp. Security and SIEM Tools
- Programming C++, VB, .NET
- Remote Access Technologies
- Electrical Physics & Circuits

- Wireless Technologies
- WAN, MANs, LANs, VPNs
- Networks Security
- Windows, UNIX, Linux, MACs
- Web Design PHP, ASP.NET, MySQL
- E-Learning
- All Smart Devices

- Modelling & Simulations
- VOIP Technologies
- Information Security
- Problem solving
- All Microsoft Applications
- Video Conference
- Hardware/Software

- IoT Technologies
- AD, Exchange & ISA Server
- Cyber Security
- Disaster Recovery
- Various Applications
- BlackBoard
- & many others…

PROFESSIONAL DEVELOPMENT

PhD degree with a major in (Computer Systems and Communication Engineering**)** — 2012
University Putra Malaysia (UPM) / Kuala Lumpur - Malaysia
Dept. of Computer and Communication Systems (Engineering Faculty)

Master degree with a major in (Computer-System & Networks**)** — 2003
Kharkiv National University of Radioelectronics (KNURE) / Kharkiv - Ukraine

Bachelor degree with a major in (Computer-System & Networks**)** — 2002
Kharkiv National University of Radioelectronics (KNURE) / Kharkiv - Ukraine

Expert Trainer (not certified) in fields of IT, Computer Systems, Networks, Telecommunication, 3G, 4G, 5G Wireless technologies and CyberSecurity. — 2005 - 2020

Networking and Windows Servers with RAIDs, Unix/Linux Servers. — 2001

PROFESSIONAL EXPERIENCE AND SIGNIFICANT ACHIEVEMENTS
YAGHI & ODEH

Company profile

Computer Communication Co. /Amman – Jordan

TECHNICAL AND NETWORK ENGINEER   *Jun 2003 – May 2004*

Responsibilities:
- As Technical and Network Engineer.
- Maintenance for Servers, PCs, Notebooks & Security Hardware with full Software Installation & Configuration.
- Network infrastructure, patch panel, routers, ADSL Modems, switches, access point and more security Hardware Installation & Configuration.
- Leader for the Cabling and infrastructure Projects preparing for Full IT solution.
- Customer Support.

MATRIX

<u>Company profile</u>
Business Technology Co. /Amman – Jordan

TECHNICAL AND NETWORK ENGINEER   *May 2004 – Feb 2005*

Responsibilities:
- As Technical and Network Engineer.
- Maintenance for Servers, PCs, Notebooks & Security Hardware with full Software Installation & Configuration.
- Network infrastructure, patch panel, routers, ADSL Modems, switches, access point and more security Hardware Installation & Configuration.
- Leader for the Cabling and infrastructure Projects preparing for Full IT solution.
- Customer Support.

OMAR AL-MOKHTAR UNIVERSITY

<u>Derna</u> Science Faculty, Computer Science Department /<u>Derna</u> – Libya

MEMBER OF TEACHING STAFF (ASSISTANT LECTURER)   *Feb 2005 – Aug 2006*

Responsibilities:
- As a member of teaching staff (Assistant Lecturer).
- Administrating for Laboratory Systems and networks.
- Lecturer in Computer Network Systems I and II, OOP in C++, JAVA.
- Leader/supervisor for six degree final projects.

UNIVERSITY PUTRA MALAYSIA

UNIVERSITY PUTRA MALAYSIA (UPM) /<u>Selangor – Malaysia</u>

PhD (Engineering Faculty)   *Jun 2007 – Jul 2011*

Responsibilities:
- PhD candidate (complete study on 08 Dec 2011).
- Worked on project with IEEE 802.16 WiMAX systems.
- Developing Self-organizing algorithms for WiMAX MR Networks (IEEE 802.16j).
- Professional with following simulation tools: QualNet, OPNET, Matlab, and others.

TAIBAH UNIVERSITY

TAIBAH UNIVERSITY (TU) /<u>Medina – Saudi Arabia</u>

Assistant Professor / CSIT   *Nov 2012 – Aug 2019*
Head of CSIT Department   *May 2014 – Aug 2017*
Vice Dean of Academic Affairs   *Sep 2017 – Aug 2019*

Responsibilities:
- As a member of teaching staff (Assistant Professor).
- Lecturing in Computer Networks, Systems, Communications, Security, and Programming.
- Head of Dep. Of CSIT, and assisted in the Faculty management, and finally as Vice Dean of Academic Affairs.
- Two years as a member of development courses committee at TU / Medina.
- Head of Laboratory Committee and Video Conferences Rooms, Administration, Systems and networking.
- Provided various training courses in technology for students, staff and the public.

Cooperated with develop the WiWi (WiFi-WiMAX) Project, in MIMOS Berhad, Malaysia, 2008-2010.

Achievement:

- Developed an efficient centralized scheduling algorithm for WiMAX MR Networks.
- One patent and one journal paper.
- MR model for QualNet simulator.

PUBLICATIONS

Patent:

- **Ahmad S. M. Saqer**, R. S. A. Raja Abdullah, H. Mohamad, "Efficient Signaling Scheme for WiMAX MR Network", Filing Number: PI2010006075, 20 Dec 2010, **WIPO (PCT)** Publication of WO2012087109A1, 28 Jun 2012.

Journal:

- Ahmad S. M. Saqer, R. S. A. Raja Abdullah, B. M. Ali, N. K. Noordin, "A Distributed Scheduling Algorithm and Novel Joint Signaling Scheme for WiMAX Multihop Relay Networks", Accepted by Institute of Electronics, Information and Communication Engineers (IEICE) - Transaction of Communication, 20 Oct 2011.

- Ahmad S. M. Saqer, R. S. A. Raja Abdullah, B. M. Ali, N. K. Noordin, "A Centralized Scheduling Algorithm and Novel Joint Signaling Scheme for WiMAX Multihop Relay Networks", submitted to International Journal of the Physical Sciences (IJPS), Apr 2011.

- Ahmad S. M. Saqer, R. S. A. Raja Abdullah, H. Mohamad, B. M. Ali, N. K. Noordin, "New Bandwidth Allocation Signaling Scheme for WiMAX Multihop Relay Networks", submitted to IEEE Communications Magazine (COMMAG), Apr 2011.

- Asem A. Salah, RSA Raja Abdullah, Borhanuddin Mohd. Ali, and Ahmad S. M. Saqer, "A Low Complexity Resource Allocation Algorithm for OFDMA Cooperative Relay Networks with Fairness and QoS Guaranteed", Accepted in IEICE - Transaction of Communication, Jan 2011.

Conference:

- Ahmad S. M. Saqer, R. S. A. Raja Abdullah, H. Mohamad, B. M. Ali, N. K. Noordin, "New Bandwidth Allocation Signaling Scheme for WiMAX Multihop Relay Networks", submitted to COMCOM, Nov 2011.

- Asem A. Salah, Borhanuddin Mohd. Ali, Ahmad S. M. Saqer, Nidhal Odeh, "An Efficient Resource Allocation Algorithm for OFDMA Cooperative Relay Networks with Fairness and Qos Guaranteed," Network Applications Protocols and Services (NETAPPS), 2010 Second International Conference, no. 22-23 Sept. 2010, pp. 188 - 192.

PERSONAL INFORMATION

Languages: Arabic, English, and Russian.
Interests and Pastimes: Sports, Reading, Computing and Internet.

Personal details:

Gender:	Male
Date of birth:	10 January 1979
Marital status:	Married
Kids:	3 daughter, 1 son

*** Driver Licence from several Countries