Ammar Waysi AlTuhafi

Address and Contacts:

➢ Address: Saib City, Building Number 9, Apartment 702, Sulaimaniya, Iraq.

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Personal Information:

➢ Nationality: Iraq.

➢ Sex: Male.

➢ Date of birth: 8th of September 1977.

Education and Qualifications:

- University Science Malaysia, Malaysia-Penang, **PhD Degree**, National Advanced IPv6 Center (NAv6), October 2014.

  - o Research area: peer-to-peer video live streaming, IP-TV.

- University Science Malaysia, Malaysia-Penang, **Master Degree**, School of Computer Science, April 2009.

  - o Research area: Bio informatics, String Matching.

- University of Mosul, Mosul-Iraq, **High Diploma**, Education College, Mosul University, February 2002.

- University of Mosul, Mosul-Iraq, **Bachelor** in Computer Science, Computer and Mathematic Science College, Mosul University, July 2000.

Professional Experience:

- **Developer**: work as a program developer in "INetMon" company [www.inetmon.com], Penang- Malaysia, from Jun 2012 till now. The projects work in:

  o Capture engine for computer network.

  o Network analyzer.

  o Alerts for network attacking.

- **Developer**: work as a program developer in "Mlabs" company [www.malbs.com], Penang- Malaysia, from Jun 2009 until Jun 2011. The projects work in:

  o Multi languages program's interface using updatable "dll" file.

  o Using LDAP in video conference clients.

  o Document conferencing.

  o High Definition video conferencing.

  o Debugging old bugs in systems.

- **Manager:** Al-Qalam for Computer Trading Company, Mosul-Iraq, from April 2004 until Jun 2007.

- **Lecturer**: Department of Computer Systems, Shaqlawah Institute, Erbil-Iraq, from September 2005 until Jun 2007.

➤ **Computer Maintenance and Data Recovery:** Al-Aiubee Company for Computer Trading, Mosul-Iraq, from October 2000 until November 2003.

Given Courses (Teaching):

- o Computer architecture and Computer organization o Data Structures & Algorithms.
- o OOP programming (C++)
- o Operating Systems
- o Computer Networking.

Fields of Interests:

- o Artificial Intelligence
- o Bio Informatics
- o Overlay network and P2P
- o Design and Analysis of algorithms (Complexity of Algorithms) o Data Structures
- o OOP programming
- o Nature Language Processing

Practical Experience:

- o Nature Language Processing
- o Artificial Intelligence
- o Bio Informatics
- o Computer Networking
- o Object Oriented Programming (OOP)
- o Image Processing

Training Courses:

o	IPv6 Security	1 day
o	Visual studio Developers	1 week
o	Fundamentals of Networking	1 week
o	Network Programming	6 weeks
o	IPv6 Level 1	1 week
o	IPv6 Level 2	1 week

Publications:

All publication as a first author:

o "Max-1 a Method for Tree p2p Topology for Live Video Streaming", in review.

o "Framework for Adaptable Topology for Peer-to-peer Live Video Streaming", IEEE Business Engineering and Industrial Applications Colloquium 2013 (IEEE BEIAC 2013), Langkawi, Malaysia.

o "A Review on Peer-to-Peer Live Video Streaming Topology" , International Journal of Computer Application, Volume 68 - Number 5, 2013.

o "Main Types of Peer-to-Peer Live Video Streaming Topologies and Their Data Delivery", International Review on Computers and Software (IRECOS),

o "Concepts and Types of Peer-to -Peer Network Topology for Live Video Streaming", IEEE International Conference on RFID Technologies and Applications - IEEE RFID TA 2013.

o "BM-KMP Hybrid Algorithm For Exact and Subsequence String Matching", Proceeding of the 3rd International Conference on Informatics and Technology, Kuala Lumpur, Malaysia, 2009.