C U R R I C U L U M   V I T A E

Personal Information

Full Name: Ammar Kamel

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Education

Aug 2008 – Dec.2103   **Ph.D.** in Computer Science, Engineering
                      College and Applied Sciences, Western Michigan
                      University, USA
Aug 2008 to Dec 2012 **M.Sc.** in Computer Science, College of Engineering
                      and Applied Sciences, Western Michigan University

Oct 2000 to Jul 2003 **M.Sc**. in Computer Science, the **K**ing **A**bdullah II
                      School for **I**nformation **T**echnology (**KASIT**), Jordan

Oct 1993 to Jul 1997 **B.Sc.** in Computer Science, Al-Mustansiriyah
                      University-Iraq

Oct 1991 to Jul 1993 **Diploma** in Computer System, Al-Rusafaa for
                      Management Institute, Iraq

Employment History

May 2014 to May 2015 Saudi Arabian Cultural Mission to the U.S. (**SACM**),
                      Fairfax, VA, USA
                      Academic Advisor
                      Responsibilities: Supervise the Master's and
                      Doctoral of Public Health and Physical Therapy
                      students at **Medical and Health Science Dept**.

Sep 2010 to Jul 2013 Computer science dept., Engineering College and
                      Applied Sciences, Western Michigan University,
                      Michigan, USA.
                      Research Assistant
                      Responsibilities: Worked as a research assistant
                      on a computer network project that sponsored by
                      Michigan Department of Transportation **(MDot)**
                      company.

Sep 2008 to Jul 2010	Computer science dept., Engineering College and Applied Sciences, Western Michigan University, Michigan, USA. **Research Assistant** **Responsibilities:** Worked as a research assistant on a computer network project that sponsored by **Cisco** company.
Sep 2004 to Jun 2007	Computer Dept., Al-Mustansiriyah University, Palestine Street, Wazerea, Baghdad, Iraq. **Teacher,** **Responsibilities:** Instructor of undergraduate Computer Science students in the following courses: (Architecture, Project supervision).
Sep 2003 to Jun 2004	Computer Dept., Al-Mustansiriyah University, Palestine Street, Wazerea, Baghdad, Iraq. **Teacher,** **Responsibilities:** Instructor of undergraduate Mathematics students in the following courses: (MATLAB 6.5, Internet and Database).
Aug 2003 to Aug 2004	Elite Computer Bureau, Irasat Al-hendiya, Karadda, Baghdad, Iraq **Responsibilities:** Internet Cafe Administrator and lecturer in the following subjects: ‣ Network essentials and Network management ‣ Web design, using (VBScript, JavaScript, DHTML) ‣ Developing computer based packages using (Visual basic, Visual C++, Delphi, Java) programming languages ‣ Designing Component Based Application ‣ Building **Windows DNA** Applications for the Internet Age ‣ Graphics package design using **OpenGL** and **MFC** ‣ Computer maintenance
Jan 2003 to Apr 2003	**KASIT**, Jordan University, University Street, Jubaeha, Amman, Jordan **Responsibilities:** Worked as a programmer and package designer to design a new medical approach for Basal Ganglia using **OpenGL** (O.GL-PaintShop Application).
Oct 2001 to Feb 2002	**KASIT**, Jordan University, University Street, Jubaeha, Amman, Jordan **Research Assistant**, **Responsibilities:** Worked as a developer to migrate different type of databases using Rational Rose Tools (a Database solution)

Oct 2001 to Feb 2002	**KASIT**, Jordan University, University Street, Jubaeha, Amman, Jordan **Research Assistant**, **Responsibilities:** Worked as a programmer and package designer to design a new approach for Information Hiding (Steganography).
Feb 2001 to Jun 2001	**KASIT**, Jordan University, University Street, Jubaeha, Amman, Jordan **Research Assistant**, **Responsibilities:** Worked as a programmer and package designer to build new network security hardware that is on **R**emote **P**rocedure **C**all (**RPC**) program (a Network based program)
Feb 20·١to Jun 2001	**KASIT**, Jordan University, University Street, Jubaeha, Amman, Jordan **Teacher Assistant (Teacher Assistance Grant),** **Responsibilities:** Instructor of **I**nternational **C**omputer **D**riving **L**icense (**ICDL)**
Nov 2000 to Feb 2001	**KASIT**, University of Jordan, University Street, Jubaeha, Amman, Jordan **Teacher Assistant (Teacher Assistance Grant**), **Responsibilities:** Supervision of undergraduate laboratory work and their homework in the following courses: (Numerical Analysis, Operating Systems, Image processing, and Algorithms)
Aug 1997 to Sep 2000	Crystal Computer Bureau, Irasat Al-hendiya, karadda, Baghdad, Iraq Worked as a lecturer in Crystal Computer Bureau and I gave lectures in:

- Basic concepts of Network and Network management
- Windows NT.4 Server/Workstation Installation and managing.
- Microsoft Windows based application (Access, Excel, Word, PowerPoint)
- FoxPro and Borland Paradox
- Building Database systems using Visual Basic 5
- Web design using HTML and DHTML
- System Analysis and Database management
- Advance Windows 98 Installing and managing.

Also, I worked as a programmer to develope different type of projects and applied systems such as**:**

- A teaching package of Image processing
- Arabic speech synthesis system
- Cipher based systems

- ▸ Students Registration Database system
- ▸ Internet teaching package program
- ▸ Liner System Simulation (MIMD), A Network based project
- ▸ Building an interactive 3D-Max simulation software using Visual Basic 5.0
- ▸ Database Migration tools using Delphi 3.0 and
     Visual Basic 5.0

Mar 1994 to Sep 1997 Electronic Computer Center (**ECC**), Palestine Street, Al-Wazerea, Baghdad, Iraq
Responsibilities: Worked as a trainer and lecturer in different computer fields, such as:
- ▸ Programming Windows Environment
- ▸ Multimedia Programming
- ▸ Borland C/C++
- ▸ Delphi
- ▸ Graphics Design (Adobe Photoshop, Fractal Design Painter, 3D-Studio)
- ▸ Hardware maintenance

Funded Research and Travel Grants

1. **Global Environment for Network Innovations (GENI) travel grant, 14th GENI Engineering Conference (GEC14), Boston, MA, 2012.**
2. A travel grant (from WMU) for "3rd IEEE International Workshop on Management of Emerging Networks and Services (**IEEE MENS 2011**)," IEEE Globecom 2011, Texas, Houston, USA.
3. **Global Environment for Network Innovations (GENI) travel grant, 13th GENI Engineering Conference (GEC13), Los Angeles, CA, 2012.**
4. **Global Environment for Network Innovations (GENI) travel grant, 11th GENI Engineering Conference (GEC11), Denver, CO, 2011.**
5. **Global Environment for Network Innovations (GENI) travel grant, 9th GENI Engineering Conference (GEC9), Washington D.C., 2010.**
6. **Cisco Systems, "PHASE 2: Network Performance Analysis and Response System," with Dr. Ala Al-fuqaha and Dr. D. Kountanis, July 2008.**

Awards

1. Computer Science Outstanding Doctoral Graduate Student Award, 2011, 2013.
2. Doctoral Excellence in Research Award, 2011, 2012, 2013.
3. Graduate Honor Roll Doctoral Award, Western Michigan University, 2010, 2012, 2013.
4. Special Research Recognition Award, Western Michigan University**, 2009.**

Conference and Journal Publication

1. *Ammar Kamel*, A. Al-Fuqaha, M. Guizani, "Exploiting Client-Side Collected Measurements to Perform QoS Assessment of IaaS," **IEEE Transactions on Mobile Computing**, *accepted*, 2014.

2. *Ammar Kamel,* A. Al-Fuqaha, D. Kountanis, I. Khalil, *"Towards A Client-Side QoS Monitoring and Assessment Using Generalized Pareto Distribution in A Cloud-Based Environment,"* IEEE Wireless Communications and Networking Conference (IEEE WCNC 2013),Mobile Cloud Computing and Mobile Traffic Modeling Workshop, Shanghai, China, 7-10 April, 2013.

3. *Ammar Kamel,* Ala Al-Fuqaha, Driss Benhaddou," **A Client-Based QoS Approach Using Generalized Extreme Value Theorem in Multi-Hop Network Environment**", IEEE ICCIT 2012, Tunisia.

4. *Ammar Kamel*, Ala Al-Fuqaha,Driss Benhaddou, *"Client-Based QoS Data Selection and Modeling Using Generalized Extreme Value Theorem and Linear Opinion Pool,"* IEEE ICC 2012, 3rd IEEE Workshop on User-Centric Networking, Ottawa, Canada, 2012

5. *Ammar Kamel*, Ala Al-Fuqaha,"**Client-Side Architecture for Mobile Service QoS Monitoring Using Generalized Extreme Value Theorem,"** The 3rd IEEE International Workshop on Management of Emerging Networks and Services (IEEE MENS 2011), IEEE Globecom 2011, Houston, Texas, 5-9 Dec., 2011.

6. *A.Al-Fuqaha, A. Rayes, D. Kountanis, H. Abed**, A. Kamel,** R. Salih**,"Prediction of Performance Degradation In Telecommunication Network Using Joint Clustering and Association Analysis Techniques,"** IEEE International Workshop on Management of Emerging Network and Services, IEEE Globecom 2010, Miami, Florida, 6-10 Dec, 2010.*

7. **A. Kamel,** M. Alzubi**, "New Improvement Techniques for Enhancing H.263 Videoconferencing",** ABHATH AL-YARMOUK: "Basic Sci. & Eng." Vol. 16,No. 1, 2007,

pp.147-161, JORDAN.

8. *M. Alzubi**, A. Kamel,** M. Maliki**,"Techniques for Image Enhancement in the Spatial Domain",** WSEAS Transactions on Computers, Issue 5, Vol. 5, 2006, CHINA*.

9. *S. Serhan,* **A. Kamel,"Generating Cover Image using Random Art Approach", A.M.S.E. Modeling** , vol. 47 nº1, France, 2004.

Computer Market

A partnership with **J**ordan **V**enture **P**rojects Co. (**JVP**) for developing and marketing a scientific package "**MATLAB Assistant Package of Image Processing**",2003.

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Membership

▸ Iraqi's Computer Society **(ICS)**, Iraq
▸ **Microsoft .NET** Club, University of Jordan, Jordan

Languages Spoken

Arabic, English