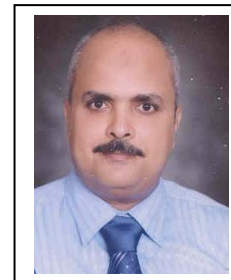


ASHRAF ABDELAZIZ TAHA ABDELAZIZ



Contact :

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PERSONAL INFORMATION:

Date of Birth : 29/12/1968

Gender : Male

Marital Status : Married

Nationality : Egyptian

Military Service : Finish

Current Job : Assistant Professor, King Saud University, College of Computer & Information Sciences, Department of Computer Engineering, KSA
Researcher, City of scientific research and technology applications, Informatics Research Institute, Alexandria, Egypt

Major Interest : Computer Networking

Minor Interest : Video streaming over Network

Research Interests : Networking, Video streaming, and Compression

Education:

Speed School of Engineering, Louisville University, Kentucky, USA

1 Mar. 2012 – 31 Aug. 2012

- Postdoctoral in Computer Engineering and Computer Science (STDF Visiting Grants)

Faculty of Engineering, Alexandria University, Alexandria, Egypt.

2003-2009

- PhD in Electrical Engineering.
- PhD title: "Adaptive QoS Management for Video Streaming Delivery over The Internet"

Faculty of Electronic Engineering, Menoufia University, Menoufia, Egypt

1995-2000

- M.Sc in Computer Science and Engineering
- M.Sc title: "Design, Realization, and Performance Evaluation of Multimedia ATM Switching Network".

Faculty of Electronic Engineering, Menoufia University, Menoufia, Egypt

1985-1990

- B.Sc in Industrial Electronics Very Good
- Project title : " Parallel Processing" Very Good

Research & Teaching Experiences:

***King Saud University - College of Computer & Information Sciences,
Computer Engineering Department***

August 2013

Assistant Professor

Courses Name: CEN 447 - Networking Lab CEN 448 - Network Security
CEN 449 - Broadband and high Speed Networks CEN 492 and CEN493 - Projects
CEN 444 - Computer Network CEN 445 - Network Protocols & Algorithms

***King Saud University - College of Engineering,
Computer Engineering Department , Electrical Engineering Department***

August - Dec 2013

Assistant Professor

Courses Name: Introduction to Electronics

City of scientific research and technology applications Alexandria, Egypt
Researcher in Informatics Research Institute

July 2013

Farous University

Feb 2013 - May 2013

- Doctor in the Electrical Engineering Department
 - Courses Name: Introduction to Electronics

University of 6th October, Faculty of Engineering

Sep 2012 - Jan 2013

- Doctor in the Computer Science Department

Courses Name:

1. Computer Graphics 2. Image Processing 3. Machine Learning

EC-Council University

Jul.–Nov. 2009

- Lecturer in the University for Master of Security Science Courses

Courses Name: Securing Wireless Networks

***Jan. 2000 – 2009
Feb. 1994–Dec. 1999***

City of scientific research and technology applications, Alexandria, Egypt

Assistant Researcher

Researcher Assistant

Courses Name:

1. Computer Maintenance 2. Internet 3. ICDL courses

Military Service: Air Defense College, Alexandria, Egypt

Oct.1992–Feb.1994

Lecturer in Air Defense College

Courses Name:

1. Network Fundamentals 2. Quality of Service 3. Video Streaming Delivery over Internet

Sakhr Computer Center, Alexandria, Egypt

Oct.1990–Oct.1992

- Technical Support (Hardware & Software management) + Training.
- Principle investigator in computer maintenance department.

Professional Experience:

University of 6th October, Faculty of Engineering

- I supervised on the students in computer science department to introduce an advanced method to transform static pictures into moving ones.

<http://www.o6u.edu.eg/NewsDetails.aspx?FactId=1&News=345>

City of scientific research and technology applications, Alexandria, Egypt

- An executive job for Fujitsu Company as the work of exchange the main structure of the Internet by wireless network with security solutions and applying VOIP application to the network for City of Scientific Research and Technology Applications.
- I participated as an executive for the work of design, realization, and performance evaluation for the main structure of the Internet for the city for scientific research and technological applications.
- Principle investigator in computer maintenance department

Publications :

1. "Design, Realization, and Performance Evaluation of a Multimedia ATM Switching Network", 9th International Conference on Computer Theory and Applications ICCTA'99, Organized by Computer Society & IEEE Alexandria Chapter, Sponsored by Arab Academy for Science and Technology and Maritime Transport - 27-30 August, 1999 Sheraton Hotel Alexandria-Egypt.
2. "Adaptive QoS Management for video streaming delivery over the Internet – UDP Protocol", 7th WSEAS International Conference on Telecommunications and Informatics, TELE-INFO'08, Istanbul, Turkey, May 27-30, 2008.
3. "Adaptive QoS Management for video streaming delivery over the Internet – UDP Protocol", 7th WSEAS International Conference on Recent Advances in Systems Engineering and Applied Mathematics, Selected Papers from the WSEAS Conferences in Istanbul, Turkey, May 27-30, 2008.
4. "Effect of TCP and UDP parameters on the quality of video streaming delivery over the Internet", WSEAS TRANSACTIONS on COMMUNICATIONS, Issue 1, Vol. 7, ISSN: 1109-2742, January 2008.
5. "Studying the Effect of Changes in Video Streaming Parameters to Enhance MPEG Performance Quality", The 7th International Conference on Technology and Sustainable Development in the Third Millennium, 14-16 December, 2013
6. "A Channel Variation-aware Algorithm for Enhanced Video Streaming Quality", 40th Annual IEEE Conference on Local Computer Networks, LCN 2015, Clearwater Beach, Florida, USA, November, 2015
7. "Error Correction for Video Streaming to Enhance MPEG Performance Quality", 11th International Conference on Innovations in Information Technology (IIT), Special Theme - Smart Living Cities, Big Data, Sustainable Development, November 01-03, 2015, Dubai, UAE

Training, Conferences and Workshops Activities :

- IAT Institute – PISA – Italy

17th Nov. 1997-16th April 1997

Successfully completed training activity at IAT Institute – PISA – Italy. The training course named "Managing IP Multicast" lasted 5 months, and had the following program:

- Acquire knowledge on IP Multicast technology, especially routing protocols.
- Study IP multicast implementation and configuration on cisco routers.
- Study and analyze currently available IP multicast management tools.

- Configuring IP multicast on simple network topology based on cisco routers.
- Practical usage of management tools for monitoring and troubleshooting multicast topology
- New developments and research issues in IP multicast management.

- Eagle Technology Company, Ltd., Shenzhen, Shanghai, Beijing – China

10 May 2004-31 July, 2004

Chinese Project : Principle Investigator for project

“Design & Development of an Intelligent Vending Machine”

I visited Shenzhen Eagle Technology Co., Ltd. - China - for training in network management of vending machine. The invitation for one month starting from 10 May 2004 to 31 July, 2004.

- International Training Workshop in : “Information Technology and Its Applications” Shanghai Training Center (STC)-Ministry of Science and Technology, Shanghai, China

11 Jun. 2011 – 30 Jun. 2011

- The 10th IEEE International Symposium on Signal Processing and Information Technology (ISSPIT), Luxor, Egypt.

15 Dec. 2010 – 18 Dec. 2010

- The 17th International Conference on Computer Games: AI, Animation, Mobile, Interactive Multimedia, Educational&Serious Games at Galt House Hotel, Louisville, Kentucky, USA.

30th July - 1st August 2012

- Speed School of Engineering, Computer Engineering and Computer Science (CECS) Louisville University, Kentucky, USA

1 Mar. 2012 – 31 Aug. 2012

<http://louisville.edu/speed/computer/spotlights/welcome-dr-ashraf-abdelaziz.html>

Acceptance from Computer Engineering and Computer Science Department, Louisville University, Kentucky, USA for Postdoctoral Studying funded by US-Egypt Science and Technology Collaboration Program for 6 Months.

My proposed work includes:

- Check out the latest equipments for laboratories and the applications in the field of video streaming.
- A comprehensive studying for the existing computer networks in the host university.
- Improving the flow of video on the internet by solving the problems and performance evaluation for the protocol parameters affecting on the transfer of the signal and improve the degree of the quality of video.
- Experiments in a cloud communication

- Training in publishing paper
- Training in publishing books

Supervision:

Mary Zarif, PhD student in Alexandria University - Electrical Engineering Department

Thesis Title: "Studying the Effect of Changes in Video Streaming Parameters to Enhance MPEG Performance Quality".

Recent professional development activities

- a. Reviewer in Journal of King Saud University: Engineering Sciences for the Elsevier Editorial System (EES)
- b. Reviewer in Journal of Circuits, Systems, and Computers
- c. Member in NCAAA Committee and QMS Committee in King Saud University - College of Computer and Information Sciences - Department of Computer Engineering
- d. Member in Council of Department of Computer Engineering
- e. Session Chair, "Internet of Things (IoT) - Security, Privacy, Trust and Reliability", 11th International Conference on Innovations in Information Technology (IIT'15), Special Theme-Smart Living Cities, Big Data, Sustainable Development, November 01-03, 2015, Dubai, UAE.
- f. Keynote Speaker, "Mobile Video Delivery: Challenges and Opportunities", 2nd International Conference and Business Expo on Wireless & Telecommunication", April 21-22, 2016 The Oberoi Centre, Dubai, UAE.
- g. Reviewer to MSc. Thesis Proposal

Languages:

- 1. Arabic: Native Language.
- 2. English: Very good in Speaking, Listening, and Writing (second language)

Skills :

- 1. Sports like Football and Swimming.
- 2. Painting
- 3. Reading