



YOUR NAME: DR. ASHRAF ABDELAZIZ TAHA ABDELAZIZ

CURRENT POSITION: RESEARCHER IN DEPARTMENT OF NETWORKS

<p><b>PERSONAL INFORMATION</b></p>	<p>Full Name: Affiliations: Address: Mobile No.: E-mail: Important links:</p>	<p>Ashraf Abdelaziz Taha Abdelaziz Researcher, Department of Networks, Informatics Research Institute, City of Scientific Research and Technological Applications Universities and Research Center District, New Borg El-Arab, Alex., Egypt +201024860567 ataha@srtacity.sci.eg</p>
<p><b>EDUCATION</b></p>	<p><b>Speed School of Engineering, Louisville University, Kentucky, USA</b> <b>1 Mar. 2012 – 31 Aug. 2012</b></p> <ul style="list-style-type: none"> <li>• Postdoctoral in Computer Engineering and Computer Science (STDF)</li> </ul> <p><b>Faculty of Engineering, Alexandria University, Alexandria, Egypt. 2003-2009</b></p> <ul style="list-style-type: none"> <li>• PhD in Electrical Engineering.</li> <li>• PhD title: “Adaptive QoS Management for Video Streaming Delivery over The Internet”</li> </ul> <p><b>Faculty of Electronic Engineering, Menoufia University, Menoufia, Egypt 1995-2000</b></p> <ul style="list-style-type: none"> <li>• M.Sc in Computer Science and Engineering</li> <li>• M.Sc title: “Design, Realization, and Performance Evaluation of Multimedia ATM Switching Network”.</li> </ul> <p><b>Faculty of Electronic Engineering, Menoufia University, Menoufia, Egypt 1985-1990</b></p> <ul style="list-style-type: none"> <li>• B.Sc in Industrial Electronics <span style="float: right;">Very Good</span></li> </ul> <p>Project title : “ Parallel Processing” <span style="float: right;">Very Good</span></p>	
<p><b>ACTIVITIES</b></p>	<p><b><u>Scientific Activities</u></b></p> <p><b><i>A. Teaching</i></b> <b>King Saud University - College of Computer &amp; Information Sciences,</b> <b>Computer Engineering Department</b> <span style="float: right;"><b>August 2013-August 2019</b></span> Assistant Professor</p> <p><u>Courses Name:</u> <span style="float: right;">CEN 214 – Logic Design 1</span> CEN 303 - Data Communications &amp; Computer Networks CEN 447 - Networking CCNA Lab <span style="float: right;">CEN 448 – Security &amp; Internet Protocols</span></p>	

CEN 444 - Computer Networks      CEN 445 - Network Protocols & Algorithms  
 CEN 449 - Broadband and high Speed Networks  
 CEN 492 & 493 – Undergraduate Projects

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

**August – Dec. 2013**

Assistant Professor

Courses Name: Introduction to Electronics

**City of scientific research and technology applications**  
 Researcher in Informatics Research Institute

**July 2013 - Now**

**Farous University**

**Feb. 2013 - May 2013**

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

**University of 6<sup>th</sup> 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

**City of scientific research and technology applications, Alexandria, Egypt**

Assistant Researcher

**Jan. 2000 – 2009**

Researcher Assistant

**Feb. 1994–Dec. 1999**

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. Computer Maintenance
2. Internet
3. ICDL courses
4. Network Fundamentals
5. Quality of Service
6. 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.

**B. Supervision:**

- Mary Zarif, PhD student in Alexandria University, Faculty of Engineering, Electrical Engineering Dep.

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

- Wafa Kahtani, MSc student in King Saud University, College of Computer & Information Sciences.  
 Title: “An adaptive Quality switches-aware framework for optimal bitrate video streaming delivery”

- Wafa Kahtani, MSc student in King Saud University, College of Computer and Information Sciences.  
 Title: “An Adaptive framework for enhanced security performance of smart parking networks”

- Amjad Habshan, MSc student in King Saud University, College of Computer and Information Sciences  
 Title: “An Adaptive framework for performance enhancement of IoT smart homes security management”

**C. 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:
- Eagle Technology Company, Ltd., Shenzhen, Shanghai, Beijing, China 10 May-31 July, 2004  
 Chinese Project: PI for “*Design & Development of an Intelligent Vending Machine*”  
 10 May to 31 July 2004.
- Int. Training Workshop in: “Information Technology & Its Applications” Shanghai Training Center (STC) - Ministry of Science & Technology, Shanghai, China  
 11 – 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>
- King Saud University, Training in publishing paper and publishing books

**Administrative Activities**

- Head of committee of “Design SrtaCity Website” December 2019 – Now
- Head of committee of “Wirless Communication Devices”
- Head of several committees in SrtaCity

	<p><b><u>Extra-curriculum Activities</u></b></p> <p><b><i>University of 6<sup>th</sup> October, Faculty of Engineering</i></b></p> <ul style="list-style-type: none"> <li>I supervised the students in the computer science department to introduce an advanced method to transform static pictures into moving ones. <a href="http://www.o6u.edu.eg/NewsDetailes.aspx?FactId=1&amp;News=345">http://www.o6u.edu.eg/NewsDetailes.aspx?FactId=1&amp;News=345</a></li> </ul> <p><b><i>City of scientific research and technology applications, Alexandria, Egypt</i></b></p> <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>Principle investigator in computer maintenance department</li> </ul> <p><b><u>Recent professional development activities</u></b></p> <ol style="list-style-type: none"> <li>Reviewer in International Journal of King Saud University: Engineering Sciences for the Elsevier Editorial System (EES)</li> <li>Reviewer in Journal of Circuits, Systems, and Computers</li> <li>Member in NCAAA Committee and QMS Committee in King Saud University - College of Computer and Information Sciences - Department of Computer Engineering</li> <li>Member in Council of Department of Computer Engineering, in King Saud University - College of Computer and Information Sciences - Department of Computer Engineering</li> <li>Session Chair, "Internet of Things (IoT) - Security, Privacy, Trust and Reliability", 11<sup>th</sup> International Conference on Innovations in Information Technology (IIT'15), Special Theme-Smart Living Cities, Big Data, Sustainable Development, November 01-03, 2015, Dubai, UAE.</li> <li>Keynote Speaker, "Mobile Video Delivery: Challenges and Opportunities", 2nd International Conference and Business Expo on Wireless &amp; Telecommunication", April 21-22, 2016 The Oberoi Centre, Dubai, UAE.</li> <li>Reviewer in MSc. Thesis Proposals – King Saud University</li> <li>Reviewer in International Journal of Big Data Intelligence (IJBDI) – paper title (An Insight into Mobile Advertising and its Impact on the Resources of Hand-held Devices: A survey) <a href="http://www.inderscience.noclick.com/ijbdi">http://www.inderscience.noclick.com/ijbdi</a></li> </ol>
<p><b>GRANTS &amp; AWARDS</b></p>	<p><a href="#">List your Grants here... (start with the most recent)</a> (Grant’s Name – Date – Location)</p>
	<p><b>Awards</b></p> <p><a href="#">List your Awards here... (start with the most recent)</a> (Award’s Name – Date – Location)</p>

<p style="text-align: center;"><b>LIST OF PUBLICATIONS</b></p>	<ol style="list-style-type: none"> <li>1. “Modeling Sensor Distribution in Smart Parking WLAN Networks using IEEE802.11ac Technology”, International Conference on: Communication Management and Information Technology ICCMIT’20, Feb. 2020.</li> <li>2. “Performance Evaluation of LoRa Transceiver”, International Journal of Computer Science and Software Engineering (IJCSSE), Volume 8, Issue 2, ISSN (Online): 2409-4285 www.IJCSSE.org Page: 25-39, February 2019</li> <li>3. Keynote Speaker, "Mobile Video Delivery: Challenges and Opportunities", 2nd International Conference and Business Expo on Wireless &amp; Telecommunication", April 21-22, 2016, Dubai, UAE.</li> <li>4. “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</li> <li>5. “A Channel Variation-aware Algorithm for Enhanced Video Streaming Quality”, 40th Annual IEEE Conference on Local Computer Networks, LCN 2015, Florida, USA, November, 2015</li> <li>6. “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</li> <li>7. “Effect of TCP and UDP parameters on the quality of video streaming delivery over the Internet”, WSEAS TRANSACTIONS on COMM., Issue 1, Vol. 7, ISSN: 1109-2742, January 2008.</li> <li>8. “Adaptive QoS Management for video streaming delivery over the Internet – UDP Protocol”, 7<sup>th</sup> 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.</li> <li>9. “Adaptive QoS Management for video streaming delivery over the Internet – UDP Protocol”, 7<sup>th</sup> WSEAS International Conference on Telecommunications and Informatics, TELE-INFO’08, Istanbul, Turkey, May 27-30, 2008.</li> <li>10. “Design, Realization, and Performance Evaluation of a Multimedia ATM Switching Network”, 9<sup>th</sup> International Conference on Computer Theory and Applications ICCTA’99, Organized by Computer Society &amp; IEEE Alexandria Chapter, Sponsored by Arab Academy for Science and Technology and Maritime Transport - 27-30 August, 1999 Sheraton Hotel Alexandria-Egypt.</li> </ol>
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