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## CURRICULUM VITAE

### Dr. Mohamed Taha Abd Elfattah Taha

#### Personal Information:

**Name:** Mohamed Taha Abd Elfattah Taha.  
**Address:** 6 Taseem El-Mahlag St., off El-Azizi St.,  
El-Manshia, Benha,  
Qalyubia Governorate,  
Egypt, Postal code 13111.  
**Date of Birth:** January, 10, 1981  
**Place of Birth:** Benha, Qalyubia Governorate, Egypt.  
**Nationality:** Egyptian.  
**Religion:** Moslem.  
**Marital Status:** Married.  
**Military Status:** Finished (December, 1, 2002).



**Profession:** Lecturer, Computer Science Department, Faculty of Computers & Informatics, Benha University, Benha, Egypt.

**E-Mail:** *mohamed.taha@fci.bu.edu.eg*  
*moh\_twins@hotmail.com*

#### Professional Appointments:

**(Current Position)**  
**(Since July 2015)** Lecturer, Computer Science Department, Faculty of Computers & Informatics, Benha University, Benha, Egypt.

**October 2009 – July 2015** Lecturer Assistant, Computer Science Department, Faculty of Computers & Informatics, Benha University, Benha, Egypt.

**March 2009 – September 2009** Lecturer Assistant, Computer Science Department, Faculty of Computers & Informatics, Suez Canal University, Ismailia, Egypt.

**December 2002 - March 2009** Teaching Assistant, Computer Science Department, Faculty of Computers & Informatics, Suez Canal University, Ismailia, Egypt.

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## Education:

- July 2015:** PhD in Computer & Information Sciences, Computer Science Department, Faculty of Computer & Information Sciences, Ain Shams University, Cairo, Egypt.
- Thesis Title: "*Developing an Approach for Tracking of Multi Moving Objects*"
- July 2011:** Registered for PhD Degree, Computer Science Department, Faculty of Computer & Information Sciences, Ain Shams University, Cairo, Egypt.
- February 2011:** Passing the PhD qualification exam, Computer Science Department, Faculty of Computer & Information Sciences, Ain Shams University, Cairo, Egypt.
- February 2009:** M.Sc. in Computers & Information Science, Computer Science Department, Faculty of Computer & Information Sciences, Ain Shams University, Cairo, Egypt.
- Thesis Title: "*Enhancing Association Rules Mining*"
- April 2005:** Registered for Master Degree, Computer Science Department, Faculty of Computer & Information Sciences, Ain Shams University, Cairo, Egypt.
- June 2003:** Passing the pre-master courses with general grade "Very Good", Computer Science Department, Faculty of Computer & Information Sciences, Ain Shams University, Cairo, Egypt.
- June 2001:** B.Sc. in Computers & Information Science, Computer Science Department, Faculty of Computers & Informatics, Suez Canal University, Ismailia, Egypt.
- General Grade: "Very Good with Honor" (80.33%) (The Seventh)  
Grades are equivalent to GPA: 3.1 / 4  
Graduation Project Title: Distance Learning  
Graduation Project Grade: "Excellent"

## Research Interests:

- Computer Vision (Object Tracking-Video Surveillance Systems- Robotics)
- Image Processing (Image Forgery Detection)
- Data Mining (Association Rules Mining-Knowledge Discovery)
- Distance Learning

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## Publications:

### ➤ Scientific Papers:

- 1- Mohamed Taha, Hala H. Zayed, M. E. Khalifa, and Taymoor Nazmy, " **Multi Objects Tracking in Nighttime Traffic Scenes,**" *In Proceedings of the 7th International Conference on Information Technology (ICIT 2015)*, Al-Zaytoonah University of Jordan, Amman, Jordan, pp. 8-16, May 2015
- 2- Mohamed Taha, Hala H. Zayed, Taymoor Nazmy and M. E. Khalifa, "**Multi-Vehicle Tracking Under Day and Night Illumination,**" *In the International Journal of Scientific & Engineering Research (IJSER)*, Volume 5, Issue 11, pp. 837-848, November 2014.
- 3- Mohamed Taha, Hala H. Zayed, M. E. Khalifa, and Taymoor Nazmy, "**An Efficient Method for Multi Moving Objects Tracking at Nighttime,**" *In The International Journal of Computer Science Issues (IJCSI)*, Volume 11, Issue 6, Number 1, pp. 17-27, November 2014.
- 4- Mohamed Taha, Hala H. Zayed, M. E. Khalifa, and Taymoor Nazmy, "**Moving Shadow Removal for Multi-Objects Tracking in Outdoor Environments,**" *In The International Journal of Computer Applications (IJCA)*, Foundation of Computer Science, New York, USA, Volume 97, Number 10, pp. 43-51, July 2014.
- 5- Mohamed Taha, Hala H. Zayed, M. E. Khalifa, and Taymoor Nazmy, "**Moving Shadow Removal for Object Tracking,**" *In Proceedings of The Sixth International Conference on Intelligent Computing and Information Systems (ICICIS 2013)*, Cairo, Egypt, pp. 131-141, December 2013.
- 6- Mohamed Taha, Tarek F. Gharib, and Hamed Nassar, "**DARM: Decremental Association Rules Mining,**" *In the Journal of Intelligent Learning Systems and Applications (JILSA)*, Volume 3, Number 3, pp. 181-189, August 2011.
- 7- Tarek F. Gharib, Hamed Nassar, Mohamed Taha, and Ajith Abraham, "**An Efficient Algorithm for Incremental Mining of Temporal Association Rules,**" *In the Journal of Data & Knowledge Engineering (DKE)*, Elsevier, Volume 69, Issue 8, ISSN 0169-023X, pp. 800 – 815, August 2010.
- 8- Mohamed Taha, Hamed Nassar, and Tarek F. Gharib, "**ITARM: Incremental Temporal Association Rules Mining,**" *In the Egyptian Computer Science Journal*, Volume 30, Number 3, pp.14 - 25, September 2008.
- 9- Tarek F. Gharib, Mohamed Taha and Hamed Nassar, "**An Efficient Technique for Incremental Updating of Association Rules,**" *In the International Journal of Hybrid Intelligent Systems (IJHIS)*, IOS Press, Volume 5, Number 1, ISSN: 1448-5869, pp.45 – 53, January 2008.

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➤ **Scientific Papers (In Arabic):**

- 1- M. E. Khalifa, Mohamed Taha, and Ahmed Taha, " **Geographic Information Systems and Their Applications in Security**," *In Post-Graduate Studies College Review, Police Academy, Egypt*, Issue no. 28, pp. 53-87, March 2013.
- 2- M. E. Khalifa, Mohamed Taha, and Ahmed Taha, "**Use of Video Surveillance Systems in Detecting and Preventing Crime**," *In Post-Graduate Studies College Review, Police Academy, Egypt*, Issue no. 27, pp. 113-145, October 2012.
- 3- M. E. Khalifa, Mohamed Taha, and Ahmed Taha, "**Image Forgery Detection Survey**," *In Post-Graduate Studies College Review, Police Academy, Egypt*, Issue no. 25, pp. 19-56, October 2011.

**Awards:**

**December 2013: Best Paper Award**, The Sixth International Conference on Intelligent Computing and Information Systems (ICICIS 2013), 14-16 December 2013, Cairo, Egypt

**University Activities:**

- Consultant member, IT Units project, Information and Communication Technology Project (ICTP), Project Management Unit (PMU), Ministry of Higher Education, Cairo, Egypt (September, 2012 – Present)
- Manager of the Accredited ICDL Testing & Training Center, Faculty of Computers and Informatics, Benha University, Benha, Egypt. (February, 2010 – July, 2012)
- Member, Quality Assurance and Accreditation Project (QAAP), Faculty of Computers and Informatics, Benha University, Benha, Egypt. (October, 2009 - October, 2010)
- Participating in the preparation of the training courses catalog for the Scientific & Technological Information Center, Suez Canal University, Ismailia, Egypt. (2009)
- Consultant member, Quality Assurance and Accreditation Project (QAAP), Faculty of Computers and Informatics, Benha University, Benha, Egypt. (April, 2009 - September, 2009)
- Participating in updating the Faculty Bylaw for both undergraduates and postgraduates, Faculty of Computers and Informatics, Suez Canal University, Ismailia, Egypt. (2008)

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- Designing & developing the official website of the Information & Communication Technology Project (ICTP), Suez Canal University, Ismailia, Egypt. (2008)
  - Member, Quality Assurance and Accreditation Project (QAAP), Faculty of Computers and Informatics, Suez Canal University, Ismailia, Egypt. (April, 2008 - September, 2009)
  - Member, Enhancing the Universities' Information Network Infrastructure project, Suez Canal University, Ismailia, Egypt. (2005)
  - Designing & developing the official website of the Medical Education Department, Faculty of Medicine, Suez Canal University, Ismailia, Egypt. (2005)
  - Updating & developing the official website of the Suez Canal University, Ismailia, Egypt.(2004 - 2006)
  - Updating & developing the official website of the Faculty of Computers & Informatics, Suez Canal University, Ismailia, Egypt. (2003 - September, 2009)

### **Courses Taught:**

- Introduction to Computer Science
- Structured Programming
- Data Structures
- Object-Oriented Programming
- File Processing & Organization
- Operating Systems
- Computer Arabization
- Computer Based Education
- Human Computer Interaction
- Multimedia Applications
- Computer Networks & Data Transmission
- Distributed Systems
- Compiler Theory
- Image Processing

### **Technical Skills:**

#### **Programming Languages:**

C#, Visual C++ .NET and Visual Basic .NET  
Java  
Active Server Pages (ASP)  
C++, Visual C++ and Visual Basic  
Assembly, Prolog and Lisp  
Scripting Languages (Java Script, VB Script)

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**Programming Paradigms:**

Structured Programming  
Object-Oriented Programming  
Logic Programming

**Graphics Tools:**

Adobe PhotoShop  
Macromedia Flash  
3D Studio Max  
Adobe Premier

**Web Design Tools:**

MS Expression (Web / Design)  
Macromedia Dreamweaver  
Adobe GoLive  
MS FrontPage

**Database Development Tools:**

MS Access and My SQL

**Operation Systems:**

Windows 10, Windows 8, Windows 7, Windows Vista, Windows XP, Windows NT, Windows 9X, DOS

**Software and Technologies:**

Microsoft Office Suite (Word, Excel, PowerPoint etc.)  
FTP Programs  
Website Usability and CSS

<b>Projects:</b>
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- Designing & developing an Islamic website for High Quality – Tarek Abd Allah Company for Artistic Production and Distribution.  
<http://www.highquality-islamic.com/> (Released from April, 2007 to April, 2009)
- Designing & developing the Benha Online website.  
[www.BenhaOnline.com](http://www.BenhaOnline.com) (Released from October, 2003 to October, 2007)
- Co-operating with UNESCO - Cairo Office to develop and upgrade the graduation project [WebCAT project - Web Course Management Software] (2003).

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**Training Courses:**

<b>7 – 12 March 2015</b>	<b>“Faculty Preparation”</b> course, Faculty of Education, Benha University, Benha, Egypt.
<b>11 – 12 February 2015</b>	<b>“Programs Specification and Curriculum Maps”</b> course, Quality Assurance and Accreditation Center (QAAC), Benha University, Benha, Egypt.
<b>7 – 8 February 2015</b>	<b>“External Auditing”</b> course, Quality Assurance and Accreditation Center (QAAC), Benha University, Benha, Egypt.
<b>4 – 5 February 2015</b>	<b>“Self-assessment”</b> course, Quality Assurance and Accreditation Center (QAAC), Benha University, Benha, Egypt.
<b>31 January – 1 February 2015</b>	<b>“Strategic Planning”</b> course, Quality Assurance and Accreditation Center (QAAC), Benha University, Benha, Egypt.
<b>27 - 29 January 2015</b>	<b>“Strategic Planning”</b> course, Faculty and Leadership Development Center (FLDC), Benha University, Benha, Egypt.
<b>20 - 22 January 2015</b>	<b>“Self-assessment and External Auditing”</b> course, Faculty and Leadership Development Center (FLDC), Benha University, Benha, Egypt.
<b>13 - 15 January 2015</b>	<b>“Communication Skills”</b> course, Faculty and Leadership Development Center (FLDC), Benha University, Benha, Egypt.
<b>23 - 25 December 2014</b>	<b>“Scientific Research”</b> course, Faculty and Leadership Development Center (FLDC), Benha University, Benha, Egypt.
<b>29 - 30 January 2012</b>	<b>“ArcGIS Desktop III: GIS Workflows and Analysis”</b> course, ESRI Northeast Africa Training Center, 2 Mesaha Square, El-Dokki, Giza, Egypt.
<b>22 - 24 January 2012</b>	<b>“ArcGIS Desktop II: Tools and Functionality”</b> course, ESRI Northeast Africa Training Center, 2 Mesaha Square, El-Dokki, Giza, Egypt.
<b>20 - 22 December 2008</b>	<b>“Credit Hours System”</b> program, Faculty and Leadership Development Project (FLDP), University Education Development Center, Suez Canal University, Ismailia, Egypt.

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**12 - 14 August 2008**

**“Scientific Research Methods”** program, Faculty and Leadership Development Project (FLDP), University Education Development Center, Suez Canal University, Ismailia, Egypt.

**29 - 31 July 2008**

**“Scientific Research Ethics”** program, Faculty and Leadership Development Project (FLDP), University Education Development Center, Suez Canal University, Ismailia, Egypt.

**20 - 31 July 2008**

**“Professional and Educational Preparation for Faculty Members”** program (Effective Teaching, Technology Usage in Teaching, Microteaching), Faculty and Leadership Development Project (FLDP), University Education Development Center, Suez Canal University, Ismailia, Egypt.

### **Undergraduate Training:**

- One month in El Kateb El Masry Training Center (An IBM certified training center), Ismailia, Egypt. (January 2001)
- Three months in Egyptware Company for Web Development & Internet Applications (Distance learning – E-Marketing – Cyber Communities...), Cairo, Egypt. (July- September 2000)
- Two months in Mohandes Company for Computers & Information Systems (MIS), Cairo, Egypt. (June-July 2000)

### **Languages:**

- Arabic (mother tongue)
- English (very good in reading, writing and good in speaking)

### **References:**

References are available upon request.