

# Mohamed Hamed Nasreldin Taha

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## Autobiography

PhD in Information Technology from Faculty of Computers and Information Cairo University.

Senior Software Engineer, tester and database designer specialized in web development applications.

Senior Systems administrator and responsible for monitoring on performance metrics for Cairo University and Faculty of Computers and Information at Cairo University.

Researcher in Information Technology and Computer Networks fields.

Always working to develop my abilities and reliability to accomplish any task or assignment.

## Research Interest

Computer Networks, Wireless Sensors Networks, Software Defined Networks, Deep Learning, Cloud Computing, Quality of Service, and Evidence Based Medicine.

## Work Experience

**Lecturer at Information Technology Department, Faculty of Computers and Information ,  
Cairo University : January 2016 till now.**

- Computer Networks -2
- Internet Technology
- Cloud Computing
- Advanced Networks Virtualization

**Lecturer "Visitor" at Faculty of Computers and Information, Cairo University June 2014 -  
September 2014 (3 months)**

- Taught Internet Technology course in summer for third level student.

**Research Assistant & Senior Software Engineer of Full Automated system for the student and graduate affairs at Faculty of Computers and Information, Cairo University, March 2007 - August 2015.**

- Senior Web Developer, Designer specialized in web development applications.
- Responsible for planning, processing and performing collection analyses in an efficient manner.
- Prepares and installs solutions by determining and designing system specifications, standards, and programming.
- Maintain databases.
- Responsible for management of web portal.
- Designing and development of Cairo University Scholar.
- Software engineer, Database Administrator, and networks administrator.

**Research Assistant & Senior Software Engineer and IT developer at Egypt-Japan University of Science and Technology, January 2010- August 2010.**

- Designing and development of Egypt-Japan University of Science and Technology.
- Responsible for detailed technical design and development of applications using existing and emerging technology platforms.

**Senior Mail System Administrator Faculty of Computers and Information, August 2009 – February 2011.**

- Setup and migrate mail accounts to Google Apps.
- Responsible for supporting the academic, student, research and administrative staff.
- Support and Administration of Enterprise Mail System and Network, Installation, configuration.
- Monitors usage to ensure security of data and access privileges.

**Senior Mail system and network Administrator Faculties of Cairo University, August 2012 – February 2011.**

- Setup and migrate mail accounts to Microsoft Office 365.
- Responsible for supporting the academic, student, research and administrative staff.
- Monitors usage to ensure security of data and access privileges.

**Assistant Lecturer "Visitor" at Faculty of Computers and Information, July 2012 - August 2012.**

- Illustrating Summer Course Internet Technology course materials to students, carrying out some of the educational activities.
- Teach “Internet Technology” course.

**Senior Web Developer at ICTP - Ministry of Higher Education, January 2010 - June 2010 (Part Time).**

- Designing and development of a portal called "MIS - Data Collect Project" - A project designed to simplify data collection for Cairo University staff.

**Assistant Lecturer "Visitor" at Arab Academy for Science, Technology & Maritime Transport: January 2010 - May 2010.**

- Teach "Web Design and Development" course
- PHP
- Internet Concepts
- HTML5 & XHTML
- CSS Text and Color Configuration
- CSS Page Layout.

## **Education**

**2010-2013 [PhD of Philosophy in Information Technology]**

- Faculty of Computers and Information – Cairo University.
- Thesis Title: "Improving QoS of Data Transmission over Wireless Sensor Networks."

**2009-2010 [Pre-PhD Diploma]**

- In Information Technology – Faculty of Computers and Information, Cairo University.

**2007-2009 [Master in Information Technology]**

- Faculty of Computers and Information – Cairo University.
- Thesis Title: Subjective QoS of voice over IP.

**2006-2007 [Pre-Master Diploma]**

- In Information Technology – Faculty of Computers and Information, Cairo University.

**2002-2006[FCI-CU]**

- Faculty of Computers and Information - Cairo University.
- Graduate with Very Good Grade
- Project "Voice and Video Over IP" – Grade "Excellent"

## Publications in Refereed Journals

### 2018

1. Mohamed, D. M. E. - D., and M. H. N. El-din, "Performance Analysis for Sentiment Techniques Evaluation Perspectives", Proceedings of the International Conference on Advanced Intelligent Systems and Informatics 2017, Cham, Springer International Publishing, pp. 448–457, 2018.
2. Khalifa, N. E. M., M. H. N. Taha, A. E. Hassanien, and I. M. Selim, "Deep Galaxy: Classification of Galaxies based on Deep Convolutional Neural Networks", arXiv preprint arXiv:1709.02245, 2017.

### 2015 (Impact Factor: 5.7)

3. Taha, M. H. N., H. E. N. mahdy, N. E. - D. M. Khalifa, M. H. N. Taha, and M. A. Lotfi, "[Pediatric Online Evidence-Based Medicine Assignment Is a Novel Effective Enjoyable Undergraduate Medical Teaching Tool: A SQUIRE Compliant Study](#)", Medicine (Baltimore) Journal, vol. 94, issue 29, pp. 1178 - 1185, 2015.

### 2013

4. Khalifa, N. E. M., M. H. N. Hamed, H. E. N. mahdy, and I. A. Tharwat, "[A Secure Energy Efficient Schema for Wireless Multimedia Sensor Networks](#)", CiiT International Journal of Wireless Communication, vol. 5, issue 6, pp. 235–246, 2013.

### 2012

5. Taha, M. H. N., N. E. Mahmoud, [H. N. Elmahdy](#), and [I. A. Saroit](#), "[Energy Based Scheduling Scheme for Wireless Sensor Networks](#)", CiiT International Journal of Wireless Communication, vol. 4, issue 16, pp. 973-975, 2012.
6. Mahmoud, N. E., M. H. N. Taha, [H. N. Elmahdy](#), and [I. A. Saroit](#), "[A Secure Energy Mechanism for WSN and Its Implementation in NS-2](#)", CiiT International Journal of Wireless Communication, vol. 4, issue 16, pp. 984–990, 2012.

### 2009

7. [Elmahdy, H. N.](#), and M. H. N. Taha, "[The Impact of Packet Size and Packet Dropping Probability on Bit Loss of VoIP Networks](#)", ICGST-CNIR Journal, vol. 8, issue 2, no. 2, pp. 25–29, 2009.

## Named Courses

<i>Course's Name</i>
<i>Internet Technology</i>
<i>PHP Programming language and MY SQL</i>
<i>Introduction of Computers programming</i>
<i>Web Design and Development</i>
<i>Computer Networks -2</i>
<i>Cloud Computing</i>
<i>Advanced Networks Virtualization</i>

## Technical Skills

### Programming Languages

- Java “J2SE”
- C/C++
- C#
- VB6

### Web Technologies

- PHP
- JSP \ Servlets
- AJAX
- HTML \ XML \ Jscript

### Database Management Systems

- Microsoft SQL Server
- MYSQL
- PostgreSQL

### Mail Administration

- Google Apps
- Microsoft Office 365
- PowerShell

### Development Tools and IDE

- Eclipse

- Netbeans
- Zend Studio
- Power Builder
- Microsoft Visual .NET(C#)
- Microsoft Visual Studio 6.0 (VB)
- Macromedia Dreamweaver
- Microsoft FrontPage
- Ulead Photo Impact
- Swish max

### **Operating Systems**

- Windows Platforms
- Linux Platforms
- vSphere ESXi 6.0

### **Productivity Suites**

- MATLAB
- vSphere vCenter 6.0

## **Personal Information**

### **Personal Skills**

- Interactive and fast enough to learn new technologies.
- Highly communication skills and can work in a group or individually according to the job requirements.
- Self-Motivated and can work under pressure.
- Very good research abilities.
- Respecting my dates.
- Honest in my work and in working with others.
- Patient in work.
- Cannot gain rest until my work is done.

## **Additional Information**

**Nationality:** Egyptian.

**Birth Date:** 5 September 1985.

**Marital Status:** Married.

**Military Status:** Finished.

***Languages:***

- *Mother Tongue: Arabic: Fluent (Speaking, Writing, Reading and Understanding).*

- *English: V. Good (Speaking, Writing, Reading and Understanding)*

**References**

To confirm the listed information above, contact

- Prof. Aly Fahmy Ex Dean of Faculty of computers and information.
- Prof. Imane A. Saroit Dean of Faculty of computers and information.
- Dr Hesham El Mahdy Professor - Faculty of computers and information
- Dr Ihab Ezat Associate Professor - Faculty of computers and information

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***For any farther information please feel free to contact me any time,***

***Thanks and regards,***

***Mohamed Hamed Nasr El-Din***