



Mohammed Gamal Sayed
Block 16, Malek St. Branched from Mahmoud Rashwan St., Assiut,
Egypt

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Gender: Male, **Date of Birth:** 18th October 1978, **Nationality:** Egyptian,
Military Status: Exempted, **Marital Status:** Married

Education:

M.Sc., Operations Research and Decision Support, Faculty of Computers & Information, Cairo University, Egypt, 2006. Thesis: "Building a medical Decision Support System using Business Intelligence tools"

B.Sc., Operations Research and Decision Support, Faculty of Computers & Information, Cairo University, Egypt, 2000.

B.Sc. Grade: Very Good

Graduation Project: "Developing Decision Support Tools for the Egyptian German Automotive Company (E.G.A.), Mercedes-Benz Egypt". This project aimed at constructing and implementing a Computer-Based Simulation Model for a Car Manufacturing Production System.

B.Sc. Graduation Project Grade: Very Good

Experience:

Assistant Lecturer, 2006 - current Dept. of Statistics, Faculty of Commerce (English Section), Assiut University

Taught Courses: Introduction to Computers, Computer Programming, Operations Research, Introduction to Statistics and Advanced Statistics

Demonstrator, 2002 - 2005 Dept. of Statistics, Faculty of Commerce (English Section), Assiut University

Taught Courses: Introduction to Computers, Computer Programming, Operations Research, Introduction to Statistics and Advanced Statistics

Research Interests:

Business Intelligence, Data Mining, Decision Support Systems, Modeling, Simulation, System Dynamics Simulation, Software Engineering, Combinatorial Optimization, Soft Computing, Genetic Algorithms, Neural Networks, Applied Operations Research, Supply Chain.

Other Postgraduate Courses:

- Network Architecture and Protocols I (Grade A)
- Software Engineering I (Grade A-)

These Two Courses are studied (there is no document proves that) from Jan. to May 2009 in the Faculty of Engineering, Alexandria University, Egypt

Presentations:

Mohammed Gamal, Omar Soliman (2007), “**A medical Decision Support tool for Essential Hypertension Disease Diagnosis based on Integrating Data Mining and Case-Based Reasoning**”, Paper presented at the Fifth International Conference on Informatics and Systems, Faculty of Computers & Information, Cairo University, Egypt.

Publications:

- (1) Mohammed G. Sayed, Mohamed H. Gadallah, Ramadan A. ZeinEldin and Hamiden A. Wahed, “**A Parameter Estimation Methodology to Minimize Instabilities in System Dynamics Models**”, *International Journal of Advances in Science and Technology*, Vol. 6, No.2, 2013.
- (2) Mohammed G. Sayed, Mohamed H. Gadallah, Ramadan A. ZeinEldin and Hamiden A. Wahed, “**Analysis of Supply Chains Using System Dynamics Simulation**”, *International Journal of Computer and Information Technology* (ISSN: 2279 – 0764) Volume 03 – Issue 02, March 2014.