

Hayam Gamal Mohamed

Phone: 0242166262

Mobile:01229285343

E-mail: hayam@fci-cu.edu.eg

Personal Information

Gender : Female
Nationality : Egyptian
Birth Day : 29-9-1984
Marital Status : marriage

Languages

- Arabic Mother Tongue
- English Excellent (reading and writing)

Education

2001-2005 [FCI-CU]

- Faculty of Computer and Information – Cairo University – Egypt.
- B.Sc. Operations Research and Decision Support, July 2005.
- Graduation Grade Excellent.
- Graduation Project: "Developing Decision Support System for Marketing", cooperating with United Company for Pharmacists.
- Graduation Project Grade is Excellent.
- Pre-master project "Network reliability design" with grade Excellent.
- Master degree on Project Management.

Research Interests

- Management Sciences,
 - Decision Support,
 - Artificial Intelligent,
 - Operations Research,
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- Game Theories,
- Optimization techniques (PSO, SA...)
- Software Development.

Soft Skills

- Ability to work in groups,
- Work under pressure,
- Good Research Abilities,
- Good communications with people

Training

Summer 2004 Company's Name
AutoCAD-Map Egyptian general survey authority

Technical Skills

Programming Languages

- C/ C++,
- Visual Basic for application (VBA),
- Java,
- SQL,
- Matlab,

Database Management Systems

- Microsoft Access,
- Microsoft SQL Server 2000.

OR/DS and Modeling Software Applications

- MS Excel (Solver, Data Analysis, Pivot Tables),
- MS Project, and Primavera,
- WinQSB, Minitab, Lindo and Lingo,
- Power Sim,
- Genie,
- Arena

Conceptual knowledge

- Understanding of Project Management concepts,
 - Understanding of Database designing concepts,
 - Understanding of the Object Orientated Concepts,
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- Understanding of Optimization Techniques,
- Understanding of Forecasting Techniques,
- Understanding of Inventory Concepts,
- Understanding of Business Excellence concepts,
- Understanding of Simulation and Modeling techniques,
- Understanding of Genetic Algorithms and Neural Networks Concepts.
- Understanding of Agent Based concepts

Graduation Project

- Title :-** Developing DSS for Marketing
- Category :-** Decision Support System Application
- Sponsors :-** Department of Operations Research & Decision Support – Faculty of Computer and Information – Cairo University and United Company for Pharmacists.
- Description :-** The Project aims to determine pricing decision Through pricing strategies.
- Tool and Technologies :-** The implementation of the problem by using Decision Support System and Marketing concept.

Pre-master Project

- Title: -** Network Reliability Design
- Category: -** Decision Support System Application
- Sponsors: -** Department of Operations Research & Decision Support – Faculty of Computer and Information – Cairo University
- Description: -** The Project aims to determine survey about the several methods which use to calculate the network reliability
- Grade: -** Excellent
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Master

Title: - Managing Research and Development Project using Design Structure Matrix.
Category: - Project Management Application
Sponsors: - Department of Operations Research & Decision Support – Faculty of Computers and Information – Cairo University.
Description: - The thesis aims to find the optimal sequence of Research and Development Projects.

Phd

Title :- Sustainable Product Design through Product Modularization.

Category: - Product Design
Sponsors: - Department of Operations Research & Decision Support – Faculty of Computers and Information – Cairo University.

References: A list of references is available on request
