

Curriculum vita

Naglaa Mahmoud Hassan

Master and PhD in Improving Management and Quality management for Architecture and Engineering Firms



OBJECTIVES

Helping people to develop themselves through Continued Education and Training, with high quality of capacity building, to reach a royal place in their career.

Improving management process and quality for architectural and engineering firms.

CONTACT INFORMATION

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PERSONAL DATA

- Date of birth:** 1-12-1965, Cairo
- Nationality:** Egyptian
- Religion:** Muslim
- Marital status:** Married



EDUCATION:

PhD in Architectural engineering, 2016

Cairo University, Faculty of Engineering, Architecture Department

Title: **New Technology and improving the quality and the management performance of the Architecture firms.** Including developing **Web-based Software for managing distributed Architecture and Engineering Firms.** [[App EgyptArch Office](#)] I created the concept, design and system analysis.

Master of Architectural engineering, 2012

Cairo University, Faculty of Engineering, Architecture Department

Master thesis title: [**Using software in Managing Architectural offices**].

Including development of a desktop software [**Egypt Arch Manager**] for **managing Architectural and Engineering Offices**. I created the concept, design and system analysis.

Bachelor of Science in Architectural Engineering, 1988

Ain Shams University, Faculty of Engineering, Architectural Department

Grade: Good, Graduation project: **Very Good**

EXPERTS and SKILLS:

Management:

- Managing Quality
- Management consulting
- Coordination and negotiations
- Design Software for management system

Training and Research skills

- Teaching and Researcher
- Self-educated and self-development
- Design, develop, and manage Courses and programs
- Career advising
- Training needs analysis TNA

Marketing:

- Design marketing tools
- digital marketing
- Publications planning and design
- Organizing Events

Software user

- Expert user of: business software, graphic software, CAD software
- **Web design and development**
- **Writing:** Proposals, Articles, research, and books reviews.

CURRENT JOB

Ain Shams University, Faculty of Engineering, Credit Hours program, Building department.

Building Envelope Design

Starting
from
September
2019 till now

Teaching:

- I Designed and I am teaching this course

Course Outline

- Introduction to building envelope and its function
- Climate, Man and Building envelope
- Thermal Conduction and Insulation of Building envelope
- Solar shading of Building envelope.
- Fenestration and Glazing.
- Massive walls, slab on Grade and thermal Storage
- Ventilation and Infiltration through Building envelope
- Daylighting Vision and Privacy
- Damp proofing of Building envelope
- Noise control
- Building Envelope Aesthetics and symbolism
- Computer Modeling and the building envelope
- Energy Code and Green Architecture Rating Systems

American University in Cairo, Faculty of Science and Engineering

Engineering and Science Services [ESS] Instructor

March 2018
December
2019

Teaching:

- I Designed and I am teaching a new course for Architects and Engineers

Business Management for Architecture and Construction Firms - BMAC

- This course run **Five times since March 2018, for more than 75 participants.**

Course Outline

- Introduction of architectural office management in regular and virtual offices.
- Business sustainability and growing
- Change Management, Innovation and a business function
- Manage architects and creators.
- Manage and Lead design process
- Evaluate architects, projects, and office performance
- Quality and Risk Management in Architectural and construction firms.
- Common problems and its solutions, using new technology
- Awareness about “Architectural Family Business and how to overcome its challenges”.
- Practical Exercise, case study (presentation).

Course evaluation

The evaluation of each round was 4.5 over 5.

American University in Cairo, Faculty of Science and Engineering	March 2013
Engineering and Science Services [ESS] Senior Program Specialist, Liaison industrial and career adviser	Till
	January 2019

Liaison Industrial Officer.

- Identifying the current and future needs of the community to develop the services of ESS
- Creating and coordinating new courses and programs, by working with Faculty and Instructors to translate clients' needs into courses.
- Creating and coordinating new courses to improve the quality of the engineers in industries and the TA's in the private Universities
- Creating partnership agreements with many organizations, among others: Engineering Syndicate, Science Syndicate, CAO A - Central Authority for Organization & Administration and AOI- Arab Organization for Industrialization, as well as Privet sector companies and industries.
- coordinating with other universities and training centers in Egypt and abroad
- TNA [Training Need Analysis] for several industries and companies
- Career Advice
- Marketing and digital Marketing of services of ESS
- Graphic design of Marketing Material
- Organizing Events, to present the ESS programs and services to prospective clients.

EMPLOYMENT HISTORY

Center of Planning & Architecture Studies [CPAS]	July 2015
Part-time Quality Manager	Till
	July 2016

- Quality control on projects deliverables.
- Setting new software to monitor and manage the performance of the employees and the working process.
- Helping the center in preparing ISO 9001 files to get the certificate

ArchPlan office for architects & Planners	March 2009
President of business Development & Publication dept.	Till
	August 2009

- Preparing proposals and Tenders.
- Quality control, Evaluation.
- Publication design [Letter head, Envelops, Covers, Brochure, Catalogue]

El-Marwan group for architectural consultant and project managements.	November
Branch manager of Cairo Branch	2007

- Managing and Coordinating projects.
- Web design
- Publication design [Letter head, Envelops, Covers, Brochure, Catalogue]

EgyptArch Online, a website for Egyptian Architecture	2000 - now
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Founder, webmaster, web designer and manager
 Website designer for Architects and real estate developers
<http://www.egyptarch.com>, <http://www.egyptarch.net>

Infinity for publishing, promotions and advertising	1990 - 1995
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Administrative manager: "Management and Graphic design".

EL-Zafarany for architecture and Planning.	1988 -2007
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Architectural design, Landscape design, Interior design, construction management

COURSES:

Courses in American University in Cairo 2016 - 2018

1. Learning and Teaching Enhancement certificate:
 - a. The Enhanced Lecture
 - b. Technology to Support Good Practice in Undergraduate Education Classroom Assessment
 - c. Techniques to Improve Student Learning
 - d. Understanding by Design (UbD)
2. Integrative Business Negotiations: The Path to Smart Bargaining
3. Understanding the Customer Service Journey
4. Leadership Development Program
5. Public Speaking

Nile University 2009

Decision Analysis: Dr. Khaled EL-Rayess Grade: B+

Cairo University 2010 - 2013

Criticism 1 & 2 Grade: A

Culture & Architecture 1 & 2 Grade: A

Architecture Project Management Grade: A

Practice research "Quality of Life" Grade: A

Conservation Grade: A

Research Methodology Grade: A

ARTICLES and PUBLICATIONS

2005 - 2016

Scientific Publications:

- **New Technology role in solving problems in Virtual Architectural Offices**
 - **With:** Dr. Basil Kamel and Dr. Hisham Gabr
 - El Azhar journal, Faculty of Engineering, Cairo, Egypt, **2016**
- **How to improve Quality in Managing Engineering Offices**
 - **With:** Dr. Basil Kamel and Dr. Hisham Gabr
 - El Azhar journal, Faculty of Engineering, Cairo, Egypt, **2016**
- **Managing Architectural Offices Using Software.**
 - Special Reference to Local Small and Mid-Size Firms
 - **With: Dr. Basil Kamel**
 - Conference of International Institute of Engineers (IIE), London, **2011**

Art Magazine Articles

- **Garedat al fonoon:**
 - Architecture and missing beauty
 - Architecture of Museums and criticism

Web Books Reviews:

[The Urban development and the Architectural Heritage of El-Quds City](#), [Islamic Architecture and the Environment](#), [Environmental design "Green Architecture](#), [Applications on Environmental Architecture](#)

WEB DESIGN

Start 2000 till 2012

Online web sites:

<http://www.egyptarch.com>, <http://www.egyptarch.net>

Founder and web master of the site: Design, collecting data and pictures 2000 - 2008

<http://www.viniyougame.com>, <http://www.zabargad.com> <http://www.elmarwan.net>

<http://www.marinaegypt.com> <http://www.aymansherbiny.net>

<http://www.luxoralmasrya.net> <http://www.udcegypt.com> <http://www.geisum.com>

Journal of Urban Research web site:

For Faculty of Urban and Regional Planning, Cairo University 2012

Design of several web sites for marketing projects

among others:

- El-Andalus resort, Ocean breeze Resort. 2005 - 2008
- Youtobia resort, Mermaid Resort.
- Hania beach resort, Prestige Aqua park resort.

Panorama of an offline museum:

Islamic architecture of Egypt in offline museum. 2005
El-Sennary house as an example

PROFESSIONAL QUALIFICATIONS

Languages:

English: Very good in Read, written and spoken, English TOEFL score 543

French: Fair in Read, written and spoken

Computer skills:

Excellent in:

- **Microsoft office:** word, Excel, Power point, Front-page, One Note, Windows moviemaker, Panorama programs.
- **Adobe Macromedia suite:** Dream weaver, Flash Adobe, Adobe Photoshop, Adobe Image Ready, Adobe InDesign, Adobe Illustrator

Very good in: Vector works

Fair in: AutoCAD, Rivet, 3D Max

Interests:

- Reading history, architecture, Novels, Psychology and poems
- Writing articles in: Social, architecture, sometimes politics
- Listening music and Painting
- Web design, Graphic design [catalogue, flyer, cards, CD labels, brochures]