

Mohamed A. AbuAli, PMP

Personal Information	<p>Date of Birth: 28th August 1982</p> <p>Marital Status: Single</p> <p>Nationality: Egyptian</p> <p>Residency: USA Permanent Resident</p>
Objective	<p>To obtain a challenging position within the field of Systems and Industrial Engineering that will capitalize on my education and previous engineering experience in the fields of production, quality control, project management, and supply chain management.</p>
Education	<p>(1) Ph.D. in Industrial Engineering</p> <p>Sept. 2006 – Now</p> <p>University of Cincinnati</p> <p>Cincinnati, Ohio, USA</p> <ul style="list-style-type: none">• GPA: 3.700 (out of 4.000)• Research Interests: Intelligent Maintenance; Environment, Health, and Safety; and Industrial Hygiene• Courses Completed: Occupational Safety and Health Engineering; Industrial Hygiene Exposure Assessment; Biostatistics; Supply Chain Management; Epidemiology; Advanced Quality Engineering; System Safety; Product Liability and Safety Engineering; Ergonomic Design; E-Manufacturing. <p>(2) M.Sc. in Engineering with specialization in Industrial Engineering</p> <p>Sept. 2003 – Dec. 2005</p> <p>American University in Cairo</p> <p>Cairo, Egypt</p> <ul style="list-style-type: none">• GPA: 3.650 (out of 4.000)• Thesis: Supply Chain Management – Modeling and Optimization in Manufacturing Industries• Courses Completed: Engineering Systems Analysis & Design; Simulation and Optimization Techniques; Facilities Planning and Design; Experimental Methods in Engineering; Total Quality Management; Composite Materials; Solid Waste Engineering; Engineering Numerical Methods. <p>(3) Graduate Diploma in Engineering</p> <p>Sept. 2003 – Dec. 2004</p> <p>American University in Cairo</p> <p>Cairo, Egypt</p> <p>(4) B.Sc. in Systems Engineering</p> <p>Aug. 1998 - May 2003</p> <p>University of Arizona</p> <p>Faculty of Engineering & Mines</p> <p>Department of Systems & Industrial Engineering</p> <p>Tucson, Arizona, USA</p> <ul style="list-style-type: none">• Degree Awarded: Bachelor of Science in Systems Engineering as of May 2003• Major GPA: 3.250 (out of 4.000)• Upper Division Units GPA: 3.438 (out of 4.000)• Minor In Mathematics• Accredited by ABET (The Accreditation Board of Engineering and Technology)• Senior Design Project (Aug. 2002 - Dec 2002)<ul style="list-style-type: none">○ Company: IBM○ Location: The University of Arizona Science & Research Park, Tucson, Arizona, USA.○ Objective: To develop and implement a plan with an IBM engineering team to test the quality of removable linear tape open (LTO) storage devices produced by IBM. This is the second generation of the product and it uses tape cartridges of 200 GB in size. The product was shipped to consumers early in the year 2003.

Diplomas and
Certifications

(1) Fundamentals of Engineering (F.E.) Examination

April 2007

National Council of Examiners for Engineering and Surveying (NCEES), OHIO, USA

- Goal: To pursue a professional engineering license.

(2) Project Management Professional (PMP) License

Mar. 2006 - Sept. 2006 (Exam Completed in Sept. 2007)

Project Management Institute (PMI), U.S.A.

- Goal: Extensive training in the Project Management Body of Knowledge (PMBok) standard that is set by the Project Management Institute (PMI).

(3) NX Unigraphics Certificate of Achievement

Aug. 2004 - Jan. 2005

The PLM Company, U.S.A.

- Goal: Training in the use of CAD/CAM through NX Unigraphics for modeling and drafting techniques.

(4) Six Sigma Green Belt Certification

Dec. 2003 - Mar. 2004

Institute of Quality Management, American University in Cairo, Egypt

- Goal: Training in the Six Sigma Methodology to learn the tools to achieve breakthrough improvements in the overall productivity and profitability in an organization.
- Certification training and testing was offered and completed in collaboration with the International Quality Federation and Quality America Inc.

(5) Management Information Systems (MIS) Certification

May 2002 - Aug. 2002

Eller College of Business and Public Administration, University of Arizona, AZ, U.S.A

- Specializations: Database Management (using Oracle Version 8), Usability and Website Implementation (using MS FrontPage XP), Systems Analysis and Design, and Networking.

Work
Experience

July 2007 – Present

University of Cincinnati

Ohio, U.S.A

Project Leader and Doctoral Researcher for IMS (Intelligent Maintenance Systems) Center

- Assisting the center and managing multiple industrial projects with *Toyota, Boeing, P&G, Nissan, Toshiba, Siemens, and CISCO*. The aim of all projects is to develop effective predictive maintenance systems and smart service business infrastructures that will lead to near-zero breakdown performance.

Sept. 2006 – June 2007

University of Cincinnati

Ohio, U.S.A

Teaching Assistant for the Faculty of Engineering

- Assisting the department in the teaching of courses and several administrative tasks.

Feb.. 2006 – Aug. 2006

German University in Cairo (GUC)

Cairo, Egypt

Teaching Assistant for the Department of Engineering Design and Production Technology

- Assisting the department in the teaching of three courses: Engineering Production Technology, Engineering Design, and Quality and Project Management.
- Participating in all administrative tasks required in the Faculty of Engineering for the university.

Sept. 2005 – Jan. 2006

ORASCOM Construction Industries (Egyptian Cement Co.)

Cairo, Egypt

Quality and Environmental Management System Coordinator

- Undergoing training in all areas of the cement manufacturing process.
- Establishing, maintaining, and coordinating the quality and environmental management systems for all the cement projects of the ORASCOM Construction Industries (OCI) in Pakistan and Algeria, as well as for upcoming projects and expansions in Dubai, Nigeria, and Indonesia.

Aug. 2003 – Aug. 2005

Modern Sciences and Arts (MSA) University

Cairo, Egypt

Teaching Assistant for the Faculty of Engineering, Dept. of Industrial Systems Engineering

- Assisting the Faculty of Engineering in the teaching of Industrial Engineering courses.
- Assisted in the courses: Engineering Economy, Manufacturing Processes, Material Science Engineering, Engineering Dynamics, Production Systems Analysis, and Operations Research.
- Participating in all administrative tasks required in the Faculty of Engineering for the university.

Computer Skills	<u>Hardware Platforms:</u>	IBM x86, Macintosh
	<u>Operating Systems:</u>	Dos, MS Windows (Up to Win Vista), Unix
	<u>Computer Applications:</u>	MS Office (Up to Office 2007) including MS Excel, MS Powerpoint, MS Word, MS Frontpage, MS OneNote, and MS Visio
	<u>Computer Aided Design:</u>	AutoCAD, NX Unigraphics
	<u>Computer Programming:</u>	C, JAVA (Standard 1.4.2)
	<u>Website Implementation:</u>	HTML, PhP (Website Database Tool)
	<u>Database Tools:</u>	ORACLE, SQL
	<u>Networking:</u>	Internet Explorer, Mozilla, Netscape, FTP, Telnet
	<u>Simulation and Modeling:</u>	Arena
	<u>Electric Circuits:</u>	LogicWorks, DigitalWorks
	<u>Numerical Methods Tools:</u>	Matlab, Mathematica
	<u>Linear Programming:</u>	Lindo, Tora, WinQSB
	<u>Statistical Tools:</u>	Minitab, SPSS
	<u>Supply Chain Tools:</u>	ProcessWizard, SCORWizard
	<u>Project Mgmt. Tools:</u>	MS Project
<u>Maintenance Tools:</u>	NI Labview, Advantech Studio	

- Language Skills
- Fluent in Arabic (mother tongue)
 - Fluent in English (verbal and written)

- Professional Memberships
- Project Management Institute (PMI): Member since 2006.
 - American Society of Safety Engineers (ASSE): Member since 2006.
 - American Industrial Hygiene Association (AIHA): Member since 2006.
 - American Conference on Governmental Industrial Hygienists (ACGIH): Member since 2006.
 - The Association for Operations Management (APICS): Member since 2006.
 - Institute for Industrial Engineers (IIE): Member since 2006.
 - American Society for Quality Engineers (ASQ): Member since 2007.
 - American Association for the Advancement of Science (AAAS): Member since 2008.
 - Instrumentation, Systems, and Automation Society (ISA): Member since 2008.

- Activities
- President of the Student Section of the American Society for Safety Engineers (ASSE) at the University of Cincinnati, OH, USA.

- Relevant Engineering Courses
- Safety and Industrial Hygiene
 - Simulation Modeling and Analysis
 - Engineering Economic Analysis
 - Engineering Probability and Statistics
 - Engineering Experiment Design
 - Probabilistic and Deterministic Operations Research
 - Design of Experiments
 - Advanced Quality Engineering
 - Human Factors and Ergonomics
 - E-Manufacturing

- References
- References are available upon request.