

AYMAN O. ELMASRY

PERSONAL DATA

PLACE AND DATE OF BIRTH: CAIRO, EGYPT | 26 DECEMBER 1987
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WORK EXPERIENCE

AUG 2015
(Current) | DESIGN & ENGINEERING DEVELOPMENT UNIT HEAD AT HAZ GROUP
Unit Based in HAZ Misr Contracting, Cairo, Egypt
MANAGING A RESEARCH AND DEVELOPMENT TEAM FOR HAZ GROUP MANAGEMENT ON THE PORTFOLIO LEVEL, FOR ALL ENGINEERING AND DESIGN ASPECTS OF THE GROUP'S OFFERING. SCOPE OF WORK INCLUDES VARIOUS FAÇADE SYSTEMS, SUCH AS STONE RAIN-SCREENS, UNITIZED PANEL GLAZING SYSTEMS, STEEL FRAMING AND FIXATION SYSTEMS...ETC, WITH EMPHASIS ON STEEL AND ALUMINIUM FASTENINGS, PROFILES AND OTHER ELEMENTS; AND CLADDING MATERIAL DESIGN AND ANCHORAGE. ENGINEERING-SPECIFIC TOPICS SUCH MATERIAL TECHNOLOGY, MANUFACTURING, STRUCTURAL DESIGN AND ANALYSIS, ARE STUDIED AND INTEGRATED WITH CORPORATE STRATEGY, MARKET ANALYSIS, FOR DEVELOPMENT OF BOTH PROCESSES AND PRODUCTS OF THE GROUP.

DEC 2012-JULY 2015 | TECHNICAL MANAGER AT HAZ MERMER MARBLE JV, CAIRO
Grand Egyptian Museum – Phase III
TECHNICAL MANAGEMENT FOR HMMJV (MAJOR SUBCONTRACTOR) FOR COMPLETION OF A SUBCONTRACT OF +40 MILLION USD VALUE. RESPONSIBILITIES INCLUDE COORDINATION WITH PLANNING, COMMERCIAL, QUALITY AND CONSTRUCTION MANAGEMENT, AND DELEGATED TO COORDINATE WITH THE MAIN CONTRACTOR AND ISSUE FORMAL CORRESPONDENCE ON BEHALF OF HMMJV ON ALL TECHNICAL-CONTRACTUAL ISSUES. ALSO RESPONSIBLE FOR TECHNICAL MANAGEMENT OF VENDORS, SUPPLIERS AND CONTRACTED CONSULTANTS. SUBORDINATES NUMBER REACHED A PEAK OF 15 ENGINEERS AND ARCHITECTS (3 SENIORS AND 12 JUNIORS). REPORTS TO PROJECT DIRECTOR.

DEC 2011-DEC 2012 | PROJECT ENGINEER AT HAZ MARBLE EGYPT LTD, CAIRO
Qatari Diar Nile Corniche Project – St. Regis Hotel
ACTED AS A DE FACTO DEPUTY FOR PROJECT MANAGEMENT FOR TECHNICAL, PROCUREMENT AND CONSTRUCTION WORK IN THE INITIATION PHASE OF THE PROJECT, FOR THE COMPLETION OF A SUBCONTRACT OF +6 MILLION USD VALUE. RESPONSIBILITIES INCLUDED PREPARATION AND COORDINATION OF TECHNICAL DELIVERABLES, FORMAL CORRESPONDENCE WITH THE MAIN CONTRACTOR. RESPONSIBLE ALSO FOR PLANNING AND SCHEDULING DELIVERABLES. SUPERVISED CONSTRUCTION AND SURVEYING TEAM. REPORTED TO PROJECT MANAGER.

MAY 2010-NOV 2011 | ARCHITECT AT ART VISION, CAIRO
PARTICIPATED IN THE DESIGN AND GRAPHICAL VISUALIZATION OF NUMEROUS ARCHITECTURAL AND INTERIOR DESIGN PROJECTS LOCATED IN EGYPT, KSA AND UAE. ARCHITECTURAL GRAPHICAL VISUALIZATION WORK INCLUDED CONTRIBUTION TO LARGE SCALE ANIMATION PROJECTS. PARTICIPATED IN DESIGN FOR MAJOR ARCHITECTURAL CONTESTS. WORKED IN A PROJECT TEAM ENVIRONMENT

SEP 2009-APR 2010 | JUNIOR ARCHITECT AT ENVIRO-CIVEC, CAIRO
TECHNICAL DOCUMENTATION (WORKING DRAWINGS) OF MULTI-BILLION POUND (EGP) INFRASTRUCTURE, INDUSTRIAL AND PLANT PROJECTS. ARCHITECTURAL DETAILING OF RESIDENTIAL PROJECTS. WORKED IN A MULTIDISCIPLINARY TEAM OF ENGINEERS (CIVIL, STRUCTURAL, MEP ...ETC.)

JUN 2007-DEC 2009 | FREELANCE INTERIOR AND KITCHEN DESIGNER

NOTABLE ACHIEVEMENTS

SEPTEMBER 2014 | FACADE LAB GMBH NETWORKING DAY 2014
PARTICIPATED IN THE ORGANIZATION OF THE EVENT HELD AT THE FACADE LAB GMBH, IN GROSSBEEREN, BERLIN, AND CONDUCTING A 12 MINUTE PRESENTATION SEGMENT, TITLED: *"The Value of Engineering"* FOR AN AUDIENCE OF AROUND 250 PEOPLE FROM DESIGN, ENGINEERING AND CONTRACTING FIRMS, ON A CASE STUDY OF VALUE ENGINEERING FOR THE GRAND EGYPTIAN MUSEUM IN EGYPT.

APRIL 2016 | SUSTAINABLE DEVELOPMENTS EXHIBITION AND CONFERENCE 2016
PARTICIPATED IN THE SDEC—AN EVENT HELD IN CAIRO, EGYPT, AND SPONSORED BY THE EGYPTIAN MINISTRY OF ENVIRONMENT— AND GAVE A 30 MINUTE SPEECH TITLED: *"The Value of Optimisation in Façade Design and Engineering"*, WHICH DISCUSSES THE DESIGN AND CONSTRUCTION PRINCIPLES OF BUILDING FACADES AND THE SUSTAINABILITY ASPECTS OR IMPACT OF EACH, AND THE ROLE OF THE FAÇADE SPECIALIST IN THE PROCESS.

APRIL 2016 | FAÇADE ENGINEERING PROFESSIONAL DIPLOMA LECTURE
GAVE A 3 HOUR LECTURE AS PART OF A PROFESSIONAL DIPLOMA FOR FAÇADE ENGINEERING, APPROVED BY THE EGYPTIAN ENGINEERS SYNDICATE. THE LECTURE WAS TITLED: *"Design and Construction Principles of Mechanically Fixed Ventilated Natural Stone Façades"*.

EDUCATION

JULY 2014 —
SEPTEMBER 2009
(DROPPED-OUT) | MASTER OF SCIENCE IN ARCHITECTURAL ENGINEERING,
Ain Shams University, CAIRO
MAJOR: BUILDING AND CONSTRUCTION TECHNOLOGY
THESIS: *"Algorithmic Form Generation: A Thermal Building Envelope Design Approach"*
SHORT SYNOPSIS: OPTIMISATION OF BUILDING ENVELOPE PERFORMANCE USING EVOLUTIONARY COMPUTER ALGORITHMS.
ADVISORS: PROF. AHMED ATEF AND DR. HAZEM ELDALY
PRE-MASTERS GPA: 3.3

AUGUST 2009 | BACHELOR OF SCIENCE IN ARCHITECTURAL ENGINEERING
Higher Technological Institute, CAIRO
GRADE POINT AVERAGE: 2.9
GRADUATION PROJECT: *"The Green City: A Zero Footprint City in Aswan"*
PROJECT GRADE: 90/100

PROFESSIONAL CERTIFICATES

JUNE 2013	PROJECT MANAGEMENT INSTITUTE, USA CERTIFIED PROJECT MANAGEMENT PROFESSIONAL
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LANGUAGES

ENGLISH: FLUENT
ARABIC: FIRST LANGUAGE
GERMAN: BASIC KNOWLEDGE

COMPUTER SKILLS

BASIC KNOWLEDGE:	SAP2000, DLUBAL RFEM, TEKLA STRUCTURES
INTERMEDIATE KNOWLEDGE:	AUTODESK REVIT, RHINOCEROS 3D+GRASSHOPPER L ^A T _E X (TYPESETTING LANGUAGE)
ADVANCED KNOWLEDGE:	AUTODESK INVENTOR, AUTODESK AUTOCAD, PRIMAVERA P6 MICROSOFT PROJECT