

Architect,

Abbas Mohammad el-Zafarany, Ph.D.

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Personal data	Date & place of birth:	23-10-1966, Cairo
	Nationality:	Egyptian
	Marital Status:	Married
	Military Service:	Excmpted
	Religion:	Muslim

Education	PhD in Architecture,	July
	Cairo University, Faculty of Engineering, Department of Architecture	2000
	CLIMATIC DESIGN OF BUILDINGS A Quantitative Approach For Evaluating Climatic Performance Of The Building Envelope And Its Interaction With Its Urban Context	
	Master of science in Architecture Cairo University, Faculty of Engineering, Department of Architecture	February 1995
	PASSIVE SOLAR ARCHITECTURE IN ARID ZONES Economic evaluation of its climatic soulutions	
	Bachelor of science in Architecture Ain Shams University, Faculty of Engineering, Department of Architecture	August 1988
	Grade: Very Good with degree of honor, Distinction in graduation project Rank: 2nd of 125.	

Employment	Cairo University, Faculty of Urban and Regional Planning Department of Urban Design Title: lecturer	September 2000- Now
	Arab Academy for Science, Technology And Maretime Transport, faculty of Engineering, Dept. of Architecture and Environmental Design Title: Visiting lecturer	2000- 2001
	Cairo University, Faculty of Urban and Regional Planning Department of Urban Design Title: Assistant lecturer, Instructor	march 1990 -August 2000
	Menoufeya University, Faculty of Engineering and technology Department of Architecture Title: Instructor	june 1989 to march 90
Art Design Employment	Infinity Publications <i>Information and Art Design for High tech Industry</i> Title: Manager of Art Design Department, Partner Graphics Design and Advtrising . Software User Interface Design, Font Design Industrial Design, Interior Design	1990-1995
	Training	
	Housing and building research Center Building Energy Simulation Using DOE-2 and Visual DOE	April, 2001
	Cairo University, Institute of Education research, Scientific Writing	November 1997
	Cairo University, Institute of Education research, Academic Course design and Planning	October 1995
	Ain Shams University, center of scientefic computing Computer programming Using FORTRAN	june 1984
Skills	Languages: English (Excellent Read, Written and Spoken) 617 score in TOEFL.	
	Computer Skills:	
	Professional Trainer of: Adobe Photoshop Fontographer	
	Excellent knowledge of : CAD <i>Using Vector Works</i> Computer Graphics: FreeHand, Corel Draw, PhotoShop Web Page Design and Site Management System Anlysis Object Oriented Programming: Delphi(Pascal), Basic, Fortran Software User Interface Design Multi Media Presentation (Macro Media Action) MS Windows and MS Oficce(word, Excell, PowerPoint) Machintosh OS Visual DOE and DOE-2e Energy Simulation Software	
Cultural Interests	Environment Conservartion, Environmental Aesthetics, Mountain Aesthetics Social and Human Environment, social psychology.	
	Humanities and Art Phylosophy, Evolution of Science and Technology Egyptian and Islamic History, Historical Art and Architecture Computer Graphics, Web design, Visual Arts	

Professional Experience

Climatic Design Software Development	SolArc –2, Dome Radiation Gain Module Research and Education Tool used to Estimate Dome Thermal Gain from Solar Radiation Full development: system analysis, design, programming, Interface design.	Beta Release in 2002
	SolArc –2, Solar Geometry Module Research and Education Tool used to Estimate Solar Angles and Solar Energy falling on any surface of the building Full development: system analysis, design, programming, Interface design.	Beta Release in 2000
	SolArc-2, Shading Devices Research tool for evaluation of energy performance of Solar shading devices, including complicated types like solarr screens, Mashrabeya, Mokharramat, etc. output is both quantitative and Animated visual representation Full development: system analysis, design, programming, Interface design.	Alfa Release in 2000
	SolArc-2, Whole Building Simulation Tool System analysis and design for a new generation of simulation tools based on a (collective- discrete development approach)	
Web Development	Egyptian Architecture Online www.egyptarch.com Development, Design, editing, site management and maintainance	2000-2001
	Faculty of Regional and Urban Planning, Cairo University Web site: (temprary URL: www.frupcairo.tripod.com) Development, Design, editing, site management and maintainance	2001
	Architectural Engineering department, Faculty of Engineering Cairo University. Web site Development and Graphic design.	1998
Commercial Software Integrated Development	Infinity and RightSoft OAC, Open Architecture Contextual Analysis <i>Arabic Calligraphy Font Technology</i> Technology Idea, Specs, System Analysis, Font Design	1995
	RightSoft Al Fonoun Al Arabeyah <i>Arabic Calligraphy and Ornamental Borders and Backgrounds</i> Software User Interface, Idea, System Analysis, Design of Fonts, Ornamental Borders and backgrounds, Analysis of OAC Arabic Caligraphy Technology Development Manager.	1995
	Right Soft Al Qalam, DeskTop Publishing Software Software User Interface, Ornamental Borders Idea and Design, Font Pack Design (14 Fonts), Packaging, documentation and Promotion. contributed in: System Analysis, Specifications	1994

Software User Interface And Art Design	Al Hadeyah Software	1997
	Al Seerah al Nabaweyah User Interface Design	
	Smart Soft	1996
	Al-Kashaf al Sahafi, Dataabse for Archiving News Papers User Interface, Computer Graphics Consulting in Imaging Core, Packaging and Promotion Printed Material.	
	ACC, Advanced Computer Systems A Qour'an el Kareem User Interface Design	1995
	Info Arab Sibaweeh, Arabic Grammer Checker Partial User Interface Design, Package Design	1994
Software Packaging and Promotion	ACC, Advanced Computer Systems	1996
	El Mohaseb el Dawly Accounting software Package, documentation and Prromotion Material Design, partial User Interface design	
	ACC, Advanced Computer Systems El Moallim el Araby Sieries of 12 Educational Programs Package and documentation Design	1996
	IAT, International Advanced Technology El Nasher el Dawly Package Design	1994
Graphics Design and Promotion Material	Computek	1990-1995
	Advertising and Product Brouchours, for the brand Names: Dell, Lotus, Siekosha, Sumagraphics, InFocus, Tatung...	
	REEM Company Brochour, AC control system, Curruncy Display, Electricity Remote Meter...	
	Logitek Company Broch, several Ads	
	PCC, Pyramids Computer Center NCR Advertising	
	El-Nekhely and Brothers Company Logo, Letter head and Buisnis cards	
	Computer Guide Magazine Head Logo, several Front Covers	
	RightSoft Company Logo, Letter head and Buisnis cards, Products Brochours and Advertising.	
	Lapis Company Logo, Letter head and Business cards	
	SmartSoft Company Logo, Letter head and Business cards	
	Technology Group Company Logo, Letter head and Business cards	
	Srvotronics	

Industrial Design	REEM Company for Electronic systems Ergonomic Remote control For Air conditioning systems Industrial Design and 3D non functional Prototype	1993-1994
	REEM Company for Electronic systems Electronic Currencey Display Design and Promotion Material	
Interior Design	REEM Company for Electronic systems Exhibition Pavilion in Marriott Hotel Interior Design, Industrial design of some products, and Graphical art design	1993
	Technology Group Office Interior Design	1989
	Computek Company, Software department, El Dokki branch Interior Design, Super Vision	1987
	Computek Company, Electronic components Shop, el Dokki, Facad and Interior Design	1987
Architectural Design	Egyptian Syndicate of Engineers Engineers Nile Clubhouse in Assyout Architectural Compition (first award) Architectural Design, working drawings and tender documents Landscape design.	1992-1994
	Egyptian Society of Engineers, Conference Hall Redesign of circulation and elevations	1991
	Ministry of Education, Physical Planning Unit. The National Center of the Examination and Educational Evaluation. Architectural design	1990
	Ministry of Education, Physical Planning Unit. Prototypel of Primary Schools. Working Drawings	1990
	Ministry of Tourism 3 Cafeterias and tourist service Facilities in Marsa Allam, Dessouk and San el Hagar Architectural design	1989-1990
	A number of Resedential Buildings and resedential-Commercial Towers In Cairo, Giza, Tenth of Ramadan and Ismaeillia. Architectural design, and construction mangement and Supervision	1988-2001
	A number of Villas and Town houses in Cairo, Giza, Beni seweef, el Shorook, new Cairo and wadi el Nakheel. Archetectural and Lanscape design	1988-2000

Environmental Design and Consulting	Ministry of Housing and reconstruction General organization of Urban Planning Egyptian villages Replanning Project Environmental Studies for el Saff Region, Giza Including pullution Mitigation, Flash flood mitigatin, ground water pullution, and environmental Impact assessment of Urban growth.	2002
	Ministry of Housing and reconstruction General organization of Urban Planning Egyptian villages Replanning Project Environmental Studies for el Ayyat Region, Giza	2002
	CDC, Community development Collaborative. Abdel Halim Ibrahim American University in Cairo New campus Environmental Optemization of the HUSS Building	2002
	Housing and building Research Center Ministry of Housing and reconstruction Egyptian Energy Conservation Code for Buildings Consultant, Member of the <i>Building Envelope</i> Code Development workroup.	2000-Now
	Housing and building Research Center Ministry of Housing and reconstruction Guidelines for Housing Design and Urban Planning in South Egypt. (Toshka Region) Consultant, Member of <i>the New Climatic control Technologies</i> workroup	1999-2000
	North Africa Company for Tourism Development Ras el Hekma Tourist village, Ras el-Hekma, Egypt. Environmental Studies for the tourist village, Consultation and Research work	1997-1998
	North Africa Company for Tourism Development Ras el Hekma Tourist village, Ras el-Hekma, Egypt. Evaluation of Suitability of Climatic conditions for Year-round International Tourism Planning, Architectural and Climatic Design	1998
	Ras Mala'ab tourist village, Ras Sudr, Sinai, Egypt. Environmental Studies for the tourist village, Planning , Consultation and Research work.	1998
	American University in Cairo Desert Development Center. Design of Passive Solar Housing project in Wadi el Natroon, west Desert. Environmental Design Team member	1991

Urban Planning, Urban design and landscape Architecture	MITY for Tourism and Real Estate Development Ras Mala'ab tourist village , Ras Sudr, Sinai, Egypt. Urban Planning and Landscape Design	1998
	North Africa Company for Tourism Development Ras el Hekma Tourist village , Ras el-Hekma, Egypt. Urban Planning, Landscape and Architectural Design	1997
	Al Fatemeyah for Tourism and Real Estate Development South Marbella tourist village and community center , el Hammam, North cost,Egypt. Urban Planning and Landscape Design	1997
	Governerate of North Sinai Bier el Abd Industrial Park Urban Planning (in Pricipatipn with Arab contractors consulting office)	1992
	Ministry of Housing Borg el-Arab City extention (2 districts) Urban Planning, Urban Design Concept development and Architectural design of (Organic Growing) Housing prototyps (in Pricipatipn with Arab contractors consulting office)	1991
	Ministry of al_Hajj, Kingdom of saudi Arabia Compound of Automated slaughterhouses in Mecca al Mokarama, (36,000 heads per Hour Capacity) Limited Compitition Urban design and Conceptual Architectural design	1990

Academic Experience

**Architectural
& Planning
Education
Experience**

***Cairo University,
Faculty of Urban and Regional Planning***

Participated in teaching and course design of:

Man and Environment 1 (Environmental Design) for second year	1992 –2003
Man and Environment 2 Environmental Design), for second year	1992 –1996
Architectural Design, for second year	1990 –2002
Architectural Drawing and Rendering 1, for first year	1990 –2003
Architectural Drawing and Rendering 2 (Perspective and Shadow), for first year	1990 –2003
Graduation Project, fifth Year	1994-2003
Theories of Architecture, for second year	1996-1998
Computer (Basics & CAD), for first year	1995-1998
Housing and residential development, for third year	1992 –1993

***Arab Academy for Science, Technology And Maritime Transport,
faculty of Engineering,
Dept. of Architecture and Environmental Design***

Lecturer of:

Environmental Aesthetics For forth term students	2001
Visual Studies 1, (visual design and free hand Drawing) for first term students.	2000 –2001
Architecture Drawing, for third term students.	2000 –2001

***Cairo University, Faculty of Engineering,
Department of Architecture***

Graduation Project, Green Architecture group, fifth Year	1998-1999
Computer graphics, Adobe PhotoShop Training course	1998

Published Papers	Inclined Sun Breakers, A Shading Technique for east and west wall with High selectivity Urban Development in Arid Regions and Associated Problems Symposium Riyadh. (Best Paper Award)	2002
	Quantitative Evaluation of Shading Patterns of Domes And Its Impact on Roof Solar Gain. Urban Development in Arid Regions and Associated Problems Symposium Riyadh.	2002
	Portable Gardens An Environmental Approach for Increasing Green Areas in Urban Areas Accepted For Publishing in Urban Research Journal, Cairo University.	2003

Awards	Award of Ministry of Public works and housing for Best Paper Urban Development in Arid Regions and Associated Problems Riyadh, November 2002	2002
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