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<b>Education/ Academic qualifications ( start with your most recent education first)</b>			
<b>Year</b>	<b>School / University</b>	<b>Specialization</b>	<b>Degree</b>
2001	Mansura university	Urban Planning with Excellent Appreciation	Bachelor
2007	Mansura university	architecture	Master's Degree
2014	Cairo university	Environmental Design	Ph.d
<b>Academic Employment History (start with your most recent education first)</b>			
<b>From:</b>	<b>To:</b>	<b>University / Organization</b>	<b>Title of Position</b>
2002	2007	Department of Architecture - Faculty of Engineering - Mansoura University	Assistant Researcher
2014	2019	Higher Institute of Engineering and Technology in Kafer Al-Sheikh	Lecturer
2019	2022	Department of Architecture at the Faculty of Engineering, Horus University- Egypt	Lecturer
2022	Now	Department of Architecture at the Faculty of Engineering, Horus University- Egypt	A.proff
<b>Administrative Positions:</b>			
<b>From:</b>	<b>To:</b>	<b>University / Organization</b>	<b>Title of Position</b>
2014	2019	Higher Institute of Engineering and Technology in Kafer Al-Sheikh	DEPT. SUPERVISOR

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2021	2022	Department of Architecture at the Faculty of Engineering, Horus University- Egypt	PROGRAM COORDINATOR
<b>Teaching Experience (Courses, Language, Higher Education Only)</b>			
<p><b>First: Assistant Researcher in the Department of Architecture - Faculty of Engineering - Mansoura University from 2002 to 2007</b>                  Supporting in teaching the following subjects:</p> <ol style="list-style-type: none"> <li>1. Architectural design 2.</li> <li>2. Housing and City Planning 2.</li> <li>3. City planning material and urban design-2 for fourth division students.</li> <li>4. Executive design and details 1.</li> <li>5. Executive design and details 2.</li> <li>6. Computer applications 2.</li> <li>7. Graduation project (Rashid City Environmental Arts Center and improve the building's urban context).</li> <li>8. Graduation project (research centers in different spots of the development corridor (Dr. Farouk Al Baz's proposal for Egypt's development in the current century).</li> <li>9. Coordinator of the Center for Creativity, Innovation and Documentation of Ideas (2005-2006).</li> <li>10. Supervisor of the faculty upgrading project team (first stage)</li> </ol> <p><b>Second: Lecturer at the Higher Institute of Engineering and Technology in Kafer Al-Sheikh from 2014 to 2019:</b>                  I taught the following courses to different teams:</p> <p><b>Academic Year 2014 – 2015</b></p> <ol style="list-style-type: none"> <li>1. History and theories of architecture 1</li> <li>2. Building executive designs and implementation documents.</li> <li>3. Computer applications.</li> <li>4. Graduation project.</li> </ol> <p><b>Academic Year 2015 – 2016</b></p> <ol style="list-style-type: none"> <li>1. History and theories of architecture 1</li> <li>2. Building executive designs and implementation documents</li> <li>3. Computer applications</li> <li>4. Interior design</li> <li>5. Graduation project</li> <li>6. Summer training.</li> </ol> <p><b>Academic Year 2016 – 2017</b></p> <ol style="list-style-type: none"> <li>1. history and theories of architecture 1</li> <li>2. Building executive designs and implementation documents</li> <li>3. Computer applications</li> <li>4. Interior design</li> <li>5. Graduation project</li> <li>6. Summer training.</li> </ol> <p><b>Academic Year 2017 - 2018</b></p> <ol style="list-style-type: none"> <li>1. History and theories of architecture 1</li> <li>2. Architectural design 1</li> <li>3. Executive designs and implementation documents</li> <li>4. Computer applications</li> <li>5. Interior design</li> </ol>			

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6. Architectural design 4
7. Graduation project
8. Summer training.

**Academic Year 2018 – 2019**

1. History and theories of architecture 1
2. Architectural design 1
3. Executive designs and implementation documents
4. Architectural design 4
5. Graduation project

**Also held the following positions:**

- 1- Member of the Board of Directors of the Institute for the academic year 2015-2016 by ministerial decree 2260 dated 2-7-2016
- 2- Supervisor of the Department of Architecture for the duration of his work at the Institute.
- 3- Coordinator of the standard of community participation and community development throughout his tenure at the Institute.
- 4- Member of the Coordinating Committee to visit the National Authority for Accreditation and Quality Assurance.
- 5- Member of the Academic Council of the Institute represented by the Department of Architecture.

**Third: Lecturer in the Department of Architecture at the Faculty of Engineering, Horus University- Egypt from 2019 to the present:**

I taught the following courses to different teams:

**Academic Year: 2019-2020 - Semester: Fall**

1. Building Construction 1

**Academic Year: 2019-2020 - Semester: Spring**

1. History & Theory of Architecture 2
2. Building Construction 2
3. Architectural Design 1

**Academic Year: 2020-2021 - Semester: Fall**

1. Architectural Design 2
2. Building Construction 3
3. Architectural Drawings
4. History & Theory of Architecture 3

**Academic Year: 2020-2021 - Semester: Spring**

1. History & Theory of Architecture 4
2. Building Construction 2
3. Sciagraphy & Perspective
4. Architectural Design 3

**Academic Year: 2021-2022 - Semester: Fall**

1. Acoustics & Illumination
2. History & Theory of Architecture 1
3. Architectural Design 2
4. Introduction to the History of Civilizations
5. Landscape & Urban Design
6. Building Construction 3

**Academic Year: 2021-2022 - Semester: Spring**

1. Architectural Design 1
2. History & Theory of Architecture 4

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3. Working Drawings 2
4. Building Construction 2

**Also held the following positions:**

1. Member of the Training Committee of the Faculty of Engineering
2. Member of the Board of Directors of the Quality Assurance and Accreditation Unit of the Faculty of Engineering
3. Architecture Program Coordinator
4. Chairman of the Committee on Cultural Activities and Community Service Affairs
5. Member of the Tables Committee of the Faculty of Engineering
6. Member of the College of Engineering's exam controls
7. Member of the exam committee of various courses in the Faculty of Engineering
8. Member of the Committee for the Rehabilitation and Training of Faculty and Associates
9. Member of the Center for Scientific Creativity and Entrepreneurship
10. A representative of the university as a member of the jury of the climate change conference COP 27

**Scientific conferences and seminars:**

1. Participation in research at the 4th International Conference of the Arab Society for Civilization and Islamic Arts under the title Heritage and Identity between Creativity and Innovation, Dahab - Egypt and research entitled (Vital Values of Aesthetic and Engineering Elements in Heritage Buildings) October 2018
2. Participation in research at the first international conference on the architectural and urban heritage of the Mediterranean region in Hammamet, Tunisia, and a research entitled "Exploring the rules of architectural design in heritage buildings and re-employing them in contemporary buildings - Case study of the Great Pyramid of Egypt" November 2018
3. Participation in the 5th International Conference of the Arab Society for Civilization and Islamic Arts under the title Civilization between cultural heritage and modern techniques held in Tunis- Tunisia and The City of Tafaiya - Morocco with a research entitled (Factors affecting the Pharaonic architectural heritage and its relationship to factors affecting contemporary architectural design) October 2019
4. Participation in research at the 5th International Conference on Environmental Studies and Research in Hurgada, Egypt, and research entitled "Negative Applications in Architecture" April 2019
5. Participation in the 7th International Conference of the Arab Society for Civilization and Islamic Arts under the title heritage, tourism and the arts between reality and hope and held in Sharm el-Sheikh, Egypt with a research entitled (Use of virtual platforms in architectural education to manage the crisis of the Corona virus - applied study on the Microsoft platform at Horus University - Egypt) October 2020
6. Participation in the 4th International Conference on Engineering Sciences and Technology, Luxor, Egypt and research entitled "Human and Interactive Considerations in Architecture as a Design Indicator for Human Space(February 2022)
7. Participation in the 4th International Conference on Engineering Sciences and Technology Luxor - Egypt and research entitled (Indoor Environmental Air Pollutants and Their Effects on Users of Architectural Spaces) February 2022

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8. Participation in the 10th International Conference of the Arab Society for Civilization and Islamic Arts under the title Art and Dialogue of Civilizations Challenges present and future held in Dubai , UAE with a research entitled (Architecture and Technology - Negative Effects of Modern Applications in Architectural Spaces and Mechanisms to Reduce Them) March 2022
9. Participating as keynote speaker at the 4th International Conference on Engineering Sciences and Technology Luxor, Egypt and a lecture entitled Digital Architecture and Humanized Spaces in February 2022
10. Participation as President of the first session of the 4th International Conference on Engineering Sciences and Luxor Technology - Egypt to manage the session February 2022

### **Publications:**

1. El-Katony, T., Ward, F., & **Mohammed, I.** Architectural Space Modulates the Response of Rice to Abiotic Stress during Germination. International Journal of Scientific & Engineering Research Volume 10, Issue 5, May 2019  
ISSN 2229-5518

<https://www.ijser.org/onlineResearchPaperViewer.aspx?Architectural-Space-Modulates-the-Response-of-Rice-to-Abiotic-Stress-during-Germination.pdf>

2. **Awad, I.** (2020). Factors affecting contemporary architectural design and its relationship to the Pharaonic architectural heritage (In order to establish evaluation criteria for the architecture of different civilizations). مجلة العلوم الإنسانية والعمارة والفنون و العلوم الإنسانية, 5(24), 15-25.

[Doi: 10.21608/mjaf.2020.23535.1502](https://doi.org/10.21608/mjaf.2020.23535.1502)

<https://www.aaciaegypt.com/wp-content/uploads/2020/10/Factors-affecting-contemporary-architectural-design-and-its-relationship-to-the-Pharaonic-architectural-heritage.pdf>

3. **Awad, I.**, Almaz, A., Salah, R. "Using virtual platforms in Architectural Education to manage covid-19 An applied study at Horus University- Egypt." مجلة العلوم الإنسانية والعمارة والفنون و العلوم الإنسانية 6, no. 2 (2021): 402-416.

[Doi: 10.21608/mjaf.2020.44838.1885](https://doi.org/10.21608/mjaf.2020.44838.1885)

4. **Awad, I.**, Almaz, A. (2022). Human and interactive considerations in architecture as a design indicator for human space. Design Engineering journal, issu9, 2021, Pages: 2398 – 2415, ISSN: 0011-9342.

<http://www.thedesignengineering.com/index.php/DE/article/view/7191>

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5. **Awad, I.**,(2022). Indoor Pollutants and Their Effect on Architectural Spaces Users. Design Engineering journal, issu1, 2022, Pages: 2794 - 2802, ISSN: 0011-9342.

<http://www.thedesignengineering.com/index.php/DE/article/view/9315>

٦. **عوض، اسلام & إسماعيل عراقي.** (٢٠٢١). الزخارف الإسلامية وتأثيراتها الحيوية على مستخدمي الحيزات المعمارية. مجلة العمارة والفنون والعلوم الإنسانية.

<https://dx.doi.org/10.21608/mjaf.2021.93988.2483>

٧. **عوض، اسلام.** (٢٠٢١). العمارة على أوراق العملات، تعبير المنتج المعماري عن الهوية الحضارية المصرية في العملات الحالية. مجلة العمارة والفنون والعلوم

DOI: 10.21608/mjaf.2021.90652.2444

[https://mjaf.journals.ekb.eg/article\\_196639.html](https://mjaf.journals.ekb.eg/article_196639.html)

٨. **عوض، اسلام.** (٢٠١٩). القيم الحيوية للعناصر الجمالية والهندسية في المباني التراثية رصد لمفهوم العمارة المقدسة وتأثيراتها الحيوية. مجلة العمارة والفنون والعلوم الإنسانية، ٤ (١٦)، ٨٧-١٠٤.

Doi: 10.21608/mjaf.2019.11619.1095

9. Abd El Ghaffar, A., El-Sawy, M., **Raafat, I.** (2020). Biological Effects of Architectural Space. (Dept. A). *MEJ. Mansoura Engineering Journal*, 38(4), 1-14.

Doi: 10.21608/bfemu.2020.103801

10. **Awad, I.**, Omar, A. (2022). Noise reduction strategies for Heating, Ventilation and Air-Conditioning Systems ( HVAC ). *Journal of Heritage and Design*, 2(7), 303-314.

Doi: 10.21608/jsos.2021.90900.1054

<https://aaciaegypt.com/wp-content/uploads/2022/01/Noise-reduction-strategies-for-Heating-Ventilation-and-Air-Conditioning-Systems-HVAC.pdf>

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## Practical experiences in training and community development

1. Participation as keynote speaker on the Scientific Day of the Department of Architecture - Higher Institute of Engineering and Technology in Kafer Al-Sheikh and a lecture entitled "Hidden Dangers in Architectural Spaces" March 2021
2. Participating as keynote speaker at a scientific symposium at the Faculty of Applied Arts - University of October 6th and a lecture entitled (How Bioenergy Interior Design Affects Our Health), 2019
3. Participation as keynote speaker at a seminar at the Egyptian Engineers Union Damietta- Egypt and a lecture entitled "The Killer Architect", 2018
4. Participation as keynote speaker on the Scientific Day of the Department of Architecture - Tanta University entitled Architectural Creativity and Lecture entitled (Architecture and Life - Towards Improving Quality of Life), 2018
5. Participating as keynote speaker at the 5th Annual Human Resources Workers Conference organized by the Egyptian Chamber of Human Resources Management Cairo- Egypt and a lecture entitled Secure your human capital-7disasters at your work place, 2017
6. Lecture entitled How Interior Design with Bioenergy Concepts Affects Our Health Department of Interior Design - Polytechnic University October 6, 2017
7. Lecture entitled Architecture and Full Body, Department of Architecture - Higher Institute of Engineering and Technology in Kafer Al-Sheikh, 2016
8. Lecture entitled Architecture and Its Vital Effects as part of a workshop entitled Shaping Between Function and Beauty, Department of Architecture - Faculty of Fine Arts - Alexandria University, 2016
9. Lecture entitled Architecture and Bio-Formation Department of Architecture - Faculty of Engineering - Mansoura University, 2014
10. Lecture entitled Imperceptible Effects of Architecture, Architecture Week at the Union of Engineers in Daqahliya - CREATIVE ARCH STUDIO Faculty of Engineering - Mansoura University, 2014

## Applied and practical experiences

**First: Architect at the Saudi Engineering Advisory Office, Saudi Arabia, from 1 September 2001 to**

**March 1, 2003. I did the following tasks:**

1. Architectural design and executive designs for a range of residential villas
2. Architectural design and executive designs for a range of commercial administrative residential buildings (complex)
3. Architectural, interior and executive design of the 2,500-square-meter Jama Mosque in Douma al-Jandal, Al-Jouf, Saudi Arabia.
4. The site coordination project for his Highness Prince Turki bin Abdul Aziz's library in Douma al-Jindal, Al-Jouf, Saudi Arabia, and a range of residential building sites.
5. Urban upgrading and site coordination project for the archaeological area of Douma al-Jindal, Al-Jouf, Saudi Arabia.

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6. Urban design of urban extension projects for a range of cities and villages.

**Second: Director of the Technical Office of the City Office of Engineering and Architecture - Arab Republic of Egypt from 1 May 2004 to 1 June 2006. I did the following tasks:**

1. Architectural design and executive designs for a range of residential villas
2. Architectural design and executive designs for a range of commercial administrative residential buildings (complex)
3. Supervising the implementation of the architectural aspects of some residential villas and administrative buildings

**Third: Founder and owner of Vision Engineering Consulting and Project Management LLC - Cairo, Arab Republic of Egypt from 1/7/2006 to date. I did the following tasks:**

1. Planning, designing and supervising the implementation of the tourist village of Ithmaar in Damietta on an area of 22 acres at an estimated cost of 950,000,000 Egyptian pounds (nine hundred and fifty million Egyptian pounds). The project contains 50 residential villas in addition to 80 apartments. In addition to the various site coordination work of open and covered swimming pools, different playgrounds and private beach.
2. Commercial mall project on a flat about 6000 square meters with a total commercial surface of the building in the range of 24,000 flat meters,
3. A healthy sports club project with a flat area exceeding 4000 meters flat with all its equipment.
4. Planning, design and management of the Compound Sun Set residential project, at an estimated cost of 300,000,000 (300 million Egyptian pounds) on a flat about 6 acres and the project contains 13 residential villas and 13 residential buildings
5. Sunset Mall with a total commercial 4000 square meters
6. Planning and design of the capital heights one, in the new administrative capital on a flat of more than 50 acres, at an estimated cost of about 3 billion pounds and the project contains more than 2000 housing units.
7. Commercial mall capital hub project with commercial surfaces exceeding 25,000 flat meters and the project contains a 2000 square meter aquarium in addition to all elements of site coordination.

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8. Capital Hotel project in the new administrative capital with a total area of 15,000 meters 350 hotel rooms.
9. Planning capital heights 2, in the new administrative capital on a flat exceeds 57 acres, at an estimated cost of about 3.5 billion Egyptian pounds.
10. The project of Al-Shuweih Specialist Hospital in The New City of Damietta on an area of 3500 meters flat and the hospital contains a group of medical centers at an estimated cost of 350 million pounds.
11. The project of 333 Hospital for Liver Tumors in New Mansoura on an area of 15,000 meters and a capacity of 400 beds at an estimated cost of 850 million pounds.
12. MORIA MALL project in the new city of Damietta on a flat 8000 meters and a total commercial bodies 25,000 square meters at an estimated cost of 450 million pounds
13. DAIAMOND TOWERS IN THE NEW ADMINISTRATIVE CAPITAL WITH AN AREA OF 35,000 FLAT METERS AT AN ESTIMATED COST OF EGP 300 MILLION PER TOWER.
14. Nirvana Resort Project (Therapeutic Tourist Resort) in Al Farafra Oasis on an area of 350,000 flat meters 58 acres.
15. EASY LIFE Hotel with 2,400 meters of capacity and a capacity of 50 hotel rooms as well as restaurants, cafeterias and ballrooms.
16. Alex Holistic Tourism Hospital Project in the European Rural Region on an area of 8,400 square meters consisting of a range of residential, agricultural and recreational elements.
17. DIS International Language School project in The New City of Damietta on an area of 15,000 square meters (kg. /grade/prep/secondary)
18. Al Abidine Mall in The New City of Burj Al Arab with a total area of 20,000 square meters at an estimated cost of 150 million pounds.
19. The project to develop the site coordination work for the Future Sports Club in the new city of Damietta with an area of 15,000 square meters at a cost of 75 million pounds.
20. The 42,000-square-meter Compound City life villas project in Ras al-Bar.
21. The company has also designed more than 1,000 commercial, residential, administrative, health and recreational projects in many governorates of the Republic, and outside Egypt.

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