

ABDULRAHMAN SALEM

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OBJECTIVE:

Seeking to intelligently build smart, beautiful, functional, and environmental-friendly Architecture around the globe.

ABOUT ME:

Nationality: Egyptian.
Birth Date: 2/2/1993
Birthplace: Cairo, Egypt
High School: Al Ikhlas Private School - Kuwait
Bachelor of Architectural Design 2015 – Ain Shams University
Master of Science in Environmental Architecture 2019 – Ain Shams University
Marital Status: Married
Military Status: Finished – December 2016

SKILLS:

- C# Coding (Intermediate)
- Python Coding (Intermediate)
- Sklearn (Intermediate)
- Keras & TensorFlow (Beginner)
- RhinoCommon (Intermediate)
- 3Ds Max, V-Ray, Photoshop, Lumion, and Sketchup (Excellent)
- Revit (Excellent)
- Grasshopper for Rhinoceros 3d (Excellent)
- AutoCAD (Excellent)
- DesignBuilder (Intermediate)
- Unity (Beginner)
- Blender (Beginner)

LANGUAGES:

- Arabic / Native language.
- English / very good in writing and talking.

ARCHITECTURAL SKILLS:

- Thinking a concept and philosophy
- Designing plans, and sections
- Interior design
- Designing facades
- Neat working drawings
- 3D Modeling and visualizing
- Form making
- Project management
- Environmental design



RESEARCH:

- Applying machine learning algorithms to architectural parameters for form generation, 2024, Abdulrahman Fahmy, Yasser Mansour, Hazem Eldaly, Automation in Construction, Elsevier, DOI: <https://doi.org/10.1016/j.autcon.2024.105624>
- Generative vs. Non-Generative AI: Analyzing the Effects of AI on the Architectural Design Process, 2024, Abdulrahman Fahmy, Yasser Mansour, Hazem Eldaly, Published locally at Shubra University Journal, Cairo, Egypt.
- Integration of Shading Devices with Naturally Ventilated Double Skin Facades in Hotel Buildings (With Special Reference to Greater Cairo, Egypt). 2019,– Abdulrahman Fahmy, Morad Abelkader, Hanan Sabry, Ahmed Faggal. – Published locally at Shubra University Journal, Cairo, Egypt.

CURRENT POSITIONS:

- Assistant Lecturer at Ain Shams University
- Co-Founder and Design Principle at Galaxy Architects
- Founder of Imagine Homes – Design-Build

ARCHITECTURAL DESIGN AWARDS:

- Alexandria Businessmen Association HQ Design Competition - Honorable award
- Egypt's New Capital's Squares Design Competition - Honorable award

ARCHITECTURAL PROJECTS:

- Facades Design - Residential Buildings Type A, R3 District, Egypt's New Capital. - 2016.
- Facades Design - Residential Buildings Type B, R3 District, Egypt's New Capital. - 2016.
- Facades Design - Residential Buildings Type C, R3 District, Egypt's New Capital. - 2016.
- Facades Design - Residential Buildings Type D, R3 District, Egypt's New Capital. - 2016.
- Facades Design – Five Governmental Buildings in Egypt's New Capital. - 2016.
- Facades Design – Five Office buildings, Gharb Al Shorouk, Cairo. - 2016.
- Architectural Design - Residential Building 1 – Fujeirah, UAE. – 2017.
- Interior Design – A&L Atelier, New Cairo. – 2017.
- Architectural Design - Residential Building 2 – Fujeirah, UAE. – 2018.
- Architectural Design –Three Villas, New Cairo. – 2018.
- Facades Design – Crystal HQ, New Cairo. – 2018.
- Facades Design – Meryland Star, Resudential Building, Heliopolis, Egypt. – 2018.
- Landscape Design – Sayeda Aesha Square, Cairo. – 2018.
- Facades Design – AlexCloud Residential Compound, Alexandria, Egypt. – 2018.
- Architectural Design - Dubai Mall, October City, Egypt. – 2018.
- Facades Design – Al Salam, Resudential Compound, Ismaeleya, Egypt. – 2018.
- Visualization – Zaafarana Resort, Zaafarana, Egypt. – 2018.
- Interior Design – Mansoura Museum, Mansoura, Egypt. – 2019.
- Facades Design – Mr.Zaki's Villa, New Cairo. – 2019.
- Facades Design – El Fashn El Jadida, Residential Compunds Type A. – Bany Sweif. – 2019
- Facades Design – El Fashn El Jadida, Residential Compunds Type B. – Bany Sweif. – 2019

- Facades Design – Villa, Al Obour, Cairo. – 2019.
- Interior Design – Eve’s Restaurant, October, Egypt. – 2019.
- Visualization – La Plage, Marina, North Coast, Egypt. – 2019.
- Video Visualization – Cleopatra City, Marsa Matrouh, Egypt. – 2019.
- Video Visualization – Al Modarajat Doha, Qatar – 2019.
- Video Visualization – Pearl Park, Wakrah, Qatar – 2019.
- Video Visualization – Peacock Park, Wakrah. Qatar – 2019.
- Video Visualization – Beehive Park, Wakrah. Qatar – 2019.
- Video Visualization – Marbles Park, Wakrah. Qatar – 2019.
- Video Visualization – Waves Park, Wakrah. Qatar – 2019.
- Video Visualization – Sailboats Park, Doha. Qatar – 2019.
- Video Visualization – Snakes Park, Doha. Qatar – 2019.
- Video Visualization – Pearl Park, Doha. Qatar – 2019.
- Visualization – Renovation of Faculties of Dentistry and Pharmacy, ASU. Cairo. – 2020
- Architectural Design Proposal – Badr Mall. Badr, Cairo – 2020.
- Façade Design – Beet Al Watan Residential Building. New Cairo, Egypt. – 2020.
- Interior Design – ROC Building’s Lobby. New Cairo – 2020.
- Façade Design – 1/2/2215 Villa. Riyadh, KSA. – 2021.
- Façade Design – 2/2214 Villa. Riyadh, KSA. – 2021.
- Façade Design – 1/3/2215 Villa. Riyadh, KSA. – 2021.
- Façade Design and Remodeling – Chemistry Labs Building, Faculty of Science, Ain Shams University. Cairo. – 2021
- Design-Build – Mr. Mostafa’s Apartment. Al Khamayel, October – 2021
- Design-Build – Mr. Mohamed’s Apartment. Al Shorouk, Cairo. – 2021
- Architectural Design – World Defense Show, KSA. – 2021
- Architectural Design – Gates of Egypt, Mixed Use Towers, Suez. – 2021
- Architectural Design – Business Arena. Fifth Settlement, Cairo – 2021
- Architectural Design – Hurghada Avenue – Hughada. – 2021
- Facade Design – Resort , Hurghada. – 2021.
- Interior Design – Trust HQ, Badr City – 2022
- Façade Design and Landscape - The Crystal Office Building, New Cairo – 2022
- Interior Design – The Crystal Office Building, New Cairo – 2022
- Design-Build: Mr. Sherif Jamal’s Apartment, Al Shorouk, Cairo, 2022.
- Façade Design – Apartments Building, Al Shorouk, Cairo, 2022.
- Façade Design – Apartments Building 2, Al Shorouk, Cairo, 2022.
- Façade Design – Apartments Building 3, Al Shorouk, Cairo, 2022.
- Façade Design – Apartments Building, Badr City, Cairo, 2022.
- Façade Design – Apartments Building, Beit Alwatan, New Cairo, 2022.

ARCHITECTURAL COMPETITIONS:

- Egypt’s New Capital’s Squares Design Competition, Cairo, Egypt. – 2018.
- EERI Competition, USA. - 2018.
- Dubai Creek Mosque, Dubai, UAE. - 2018.
- Alexandria Businessmen Association HQ Design Competition, Alexandria, Egypt. – 2019.
- House - 3916 Fairfax Farms Rd, USA. - 2019.
- Oman’s Retreat Remodeling. – 2020

- Mobile Medical Unit – USA – 2020
- Family Villa – Dubai, UAE – 2020
- Administration Business Office – USA – 2021
- 231 State Street Apartments, USA - 2021

EXPERIENCE:

7/1/2011 TO 8/1/2013 [TRAINEE]	<u>Al Jazeera consulting office</u>	<u>[Kuwait city, Kuwait]</u>
<ul style="list-style-type: none"> • Understood what architecture is. • Visited sites. • Trained for working drawings. • Visited Alhamra tower's site. 		
2/1/2013 TO 3/1/2013 [TRAINEE]	<u>Al Jazeera consulting office</u>	<u>[Kuwait city, Kuwait]</u>
<ul style="list-style-type: none"> • Trained for working drawings. • Begun learning how to use 3Ds max. • Visited Alhamra Tower's site. 		
8/1/2013 TO SEPTEMBER 2013 [TRAINEE]	<u>Al Jazeera consulting office</u>	<u>[Kuwait city, Kuwait]</u>
<ul style="list-style-type: none"> • Trained for working drawings. • Trained for architectural design. 		
8/14/2014 TO SEPTEMBER 2013 [TRAINEE]	<u>Ehaf consultants</u>	<u>[AL-Giza, Egypt]</u>
<ul style="list-style-type: none"> • Worked on working drawings for LAVIDA RESIDENTIAL COMPOUND • Trained for architectural design for KHARTOUM AIRPORT'S TRAFFIC CONTROL TOWER 		
8/25/2014 TO 10/9/2014 [TRAINEE]	<u>Al Jazeera consultant office</u>	<u>[Kuwait city, Kuwait]</u>
<ul style="list-style-type: none"> • Worked in design phases. *Designed the façades of 2 villas and working on a new one these days. *Designing now a villa floor plan. • Working now on working drawings for the villas. • Visited the site "Kuwait institute for scientific researches" in the finishes installation phase. 		
1/8/2015 TO 1/5/2016 [DESIGN ARCHITECT]	<u>Diaa Consult office</u>	<u>[Giza, Egypt]</u>
<ul style="list-style-type: none"> • Facades Design for villas, commercial and office buildings, hotels, residential buildings, and malls. • Architectural Design for malls, and hotel buildings. 		
12/15/2017 TO 1/2/2018 [DESIGN ARCHITECT]	<u>Artline Group</u>	<u>[Cairo, Egypt]</u>
<ul style="list-style-type: none"> • Architectural Design for residential, retail and Educational buildings. • Interior Designer. • Architectural Visualization. 		
1/2/2018 TO PRESENT	<u>Galaxy Architects</u>	<u>[Cairo, Egypt]</u>

[CO-FOUNDER & PRINCIPAL ARCHITECT]

8/2/2017 TO 6/30/2017 Department of Architecture, Arab Academy for Science, Technology & Maritime Transport *[Cairo, Egypt]*

[ARCHITECTURAL DESIGN DEMONSTRATOR]

6/10/2016 TO 1/1/2020 Department of Architecture, Ain Shams University *[Cairo, Egypt]*
[DEMONSTRATOR]

1/1/2020 TO PRESENT Department of Architecture, Ain Shams University *[Cairo, Egypt]*
[ASSISTANT LECTURER]

1/2/2022 TO 6/30/2022 Department of Architecture, American University in Cairo *[Cairo, Egypt]*
[ASSISTANT LECTURER]

EDUCATION:

2011-2015 Ain Shams University, Architectural Department *[Abbaseyah, Cairo]*

- Designed a villa – 2012.
- Designed a pavilion – 2012.
- Designed a residential building – 2013.
- Designed a social/athletic club – 2013.
- Designed a bank headquarter – 2014.
- Finished working drawings project for a residential building – 2013/2014.
- Designed Egypt's management capital – 2014-2015.
- Finished working drawings project for the bank HQ – 2014/2015.
- Finished graduation project in Munich – exchange program. (Desertwood).

2015-2019 Ain Shams University, Architectural Department *[Abbaseyah, Cairo]*

- Master of Science in Building Technology.
- Thesis Title: Integrating Shading Systems with Naturally Ventilated Double Skin Facades for Enhancing Thermal Performance in Hotel Buildings of Greater Cairo.

2019-2024 (IN PROGRESS) Ain Shams University, Architectural Department *[Abbaseyah, Cairo]*

- Doctor of Philosophy
- Thesis Title: MAPPING THE ARCHITECTURAL CONCEPT PROCESS BY UTILIZING ARTIFICIAL INTELLIGENCE IN FORM FINDING

OTHER EXPERIENCE:

7/1/2012 TO 8/1/2013 Astronomy Workshop *[Abbaseya, Cairo]*
[PARTICIPANT]

- Learnt a few things about astronomy, space, Einstein's special relativity theory.
- Stargazed planets, and sky.

7/1/2013 TO 8/1/2013 Resala Charity Association *[Nasr city, Cairo]*
[PARTICIPANT]

- Participated in preparing Ramadan's bags.
- Visited villages and cities for feeding people.

7/-/2013 TO 7/-/2013 Geneh Fil Youm Charity Activity *[Nasr city, Cairo]*

[ORGANIZER]

- Ramadan Fi Youm event. – organized and helped preparing 1000 bag of Ramadan’s bags.
- Trained for architectural design.

COLLEGE GRADES:

College’s Score Place:

1. Preparatory year: Very Good – 10th place.
2. First year: Very Good – 4th place.
3. Second year: Very Good – 1st place.
4. Third year: Very good – 1st place.
5. Fourth year: Excellent – 1st place.

College’s Projects grades:

1. Villa project: A-
2. Building construction: Very Good
3. Pavilion project: C+
4. Residential building project: A-
5. Club project: B++
6. Bank Project: in A-.
7. Working Drawings project – First Semester: 98/100
8. Working drawings project – Second Semester: 92/100
9. Interior design project: 88/100
10. Egypt’s new capital: C+
11. Bank working drawings project: A-
12. Housing project: B+
13. Graduation project – Desertwood: Excellent.

MSC. GRADES:

GPA – 3.58

Any further certificates, evidence, papers, etc. will be submitted upon request.