

STRUCTURAL ENGINEER: MAHA FADY ELSAYED DAWOOD.

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Date of Birth: 19 of April 2001 | **Marital status:** Single
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EDUCATION

Tanta University | Bachelor of Engineering *Tanta, Egypt* | Sep 2019 – Jun 2024

Major: Structural (Civil) Engineering

Cumulative Grade: Good

Graduation Project: Design And Analysis Of Steel Structures (Completed With An **Excellent** grade) .

The Project Focused On Structural Analysis , Design Standards , And The Use Of Engineering Software.

INTERNSHIPS AND WORK EXPERIENCE

- **Engineering Office Of Eng . Emad Abdelaziz , Tanta , Egypt, August 2024 -October 2024**
(3 months) .
- **Consulting Office Of Eng . Abdelfattah Al- Yamany , El- Mahala El- Kubra, Egypt, November 2024 – Now.**
- **Arab Contractors Company , Tanta, Egypt , Summer 2022.**
 - *Trainee at location Tanta – Egypt*
- **Hadi El- Islam For General Contracting, Ismailia, Egypt, Summer 2023.**
 - *Trainee at location The Administrative Capital – Egypt*

DESIGN PROJECTS

- 1. Design Multiple Reinforced Concrete Residential Buildings .**
 - a. Role:** *Structural Design And Analysis*
 - b. Tools:** *Auto Cad, ETABS, Excel ,and SAFE*
 - c. Description:** *Design Several Multi- Story Residential Building Use Reinforced Concrete System (Columns, Beams, Slabs, and Foundations) According To The Egyptian Code. Responsibilities Included Structural Analysis, Load Calculations, and Preparation Of Design Drawings.*
- 2. Industrial Factory – Mixed Concrete And Steel Structure.**
 - a. Role: :** *Structural Design And Analysis*
 - b. Tools:** *Auto Cad, ETABS, Excel, SAFE, and SAP2000*
 - c. Description:** *Design Multiple Industrial Factory Buildings Consisting Of Reinforced Concrete*

Elements (Columns, Beams, Slabs, Foundations, Boundary Wall, Water Tank) and Steel Structures (Frames, Truss, Purlins, Connections, and Footing), In Accordance With The Egyptian Code.

3. Design Of Multiple Villas With Swimming Pools.

- a. Role: :** *Structural Design And Analysis*
- b. Tools:** *Auto Cad, ETABS, Excel, SAFE, and SAP2000*
- c. Description:** *Designed Several Reinforced Concrete Residential Villas, Each Including a Swimming Pool. Work Including Structural Analysis Of (Columns, Beams, Slabs, Foundations, and Pool Walls) Applied Waterproofing Considerations and Egyptian Code. Standards In The Design Process.*

SKILLS

Soft skills

- Volunteer in the “Life Makers” Association
- Thinking out of the box
- Team leader
- Good planner
- Efficiency in self-learning
- Take responsibility

Hard skills

- CSI DEPLOMA
- AUTO CAD
- SAP2000
- ETABS
- SAFE
- MICROSOFT OFFICE

Languages

- Arabic
- English
- French