

Alaa Abd El-hamid Mohamed Abd El-hamid

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Data of birth: 20/1/1998

Gender: Female

Education:

- Bachelor in Electrical Engineering: AL-azhar Faculty of Engineering, Cairo University. (2017-2022).
- **Accumulative Grade:** Very good (+).
- **Graduation Project:** Electrical design of residential complex and study its feeding by a grid-connected solar power plant.
- **Project Degree:** Excellent (+).

Objective:

- I have an experience in electrical designs, shop drawing, tender, and light current system design, and know some work on rivet and solar energy plant.
- I have a good knowledge about site work responsibilities.
- I am looking for any good work opportunity in my field as a technical office engineer or electrical design engineer.

Work Experience:

- Electrical office engineer -Sept.-2022 until now.
New Maham Contracting (NMC).
- Projects:
 - Sader AL-Zagazig hospital.
 - Cairo business Mall, Rehab city.
 - Administrative building Capital business, October city.
- Responsibilities:
 - Preparing Shop drawing for all Electrical and Low Current Systems (Power, Power Hvac, Lighting Control, Fire Alarm, CCTV, Access Control, Security System, Public Address, Audio Visual, Structure Cabling and Feeder Routing).
 - Design of L.V Cables taking into Consideration Voltage Drop and Short Circuit Calculations.
 - Review all Invoices and Quantity Survey of Sub-Contractors at the Site.
 - Prepare the Quantity Surveying and Procurement Orders.

Electrical Courses:

- Classic control course (Az-SENCS team). (2018)
- Distribution course- Electrical Technical information. (2020)
- Technical office course. (2022)
- Infra Structure course. (2022)
- Earthing and lightening course. (2022)

Training:

- **Training at West Zagazig electricity distribution station. (Aug-2018)**
 - Distribution network technology (Electrical distributor – Electrical transformer – tests.
 - Introduction to protection system.
- **Training at Fakous electricity distribution station. (Aug-2021)**
 - Distribution network technology (Electrical distributor – Electrical transformer – Transportation technology).
- **Training in Dar AL-kahrabaa. (July-2022)**
 - Design- Electrical Shop Drawing- Tendering Basics.
- **Training at Electro Cable Egypt Factory. (July-2022)**

Soft Skills:

- **Auto CAD 2D:** very good in electrical works (working and blocks.....etc.).
- **Dialux:** Excellent in designing normal and emergency lighting.
- **Dialux Evo:** Excellent in designing normal and emergency lighting.
- **Etap:** can use it for voltage drop and short current calculations.
- **Pvs:** can use it for solar energy plant design.
- **Microsoft Office Skills:** Very good in Microsoft Excel, Word, and Power point.
- **Revit:** have an introduction at it.

Language:

- **English:** Good in writing and speaking.
- **Arabic:** Native speaker.