

# Ahmed Esmat Ezz

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 Cairo, Egypt

## Objective

I'm a Electrical Engineer, I'm seeking for a Job which allows me to work in a challenging environment that requires me to utilize all my skills and efforts to explore and evolve in various fields to reach my full potential where there is scope for ongoing learning.

## Personal Information

- ✓ Date of Birth: 18<sup>th</sup> June 2000
- ✓ Marital Status: Single
- Military Status: Exempted

## Education

- Faculty of Engineering, Helwan University [2018 - 2023]
- Bachelor's Degree of Engineering, Power Engineering and Electrical Machines
- Grade: Very Good (82.12%).

## Project

- **Graduation Project: "Design of electrical power Distribution System for Smart Hospital(A+).**
  - ✓ Load Estimation.
  - ✓ lighting system design.
  - ✓ Small power System & MEP Systems design.
  - ✓ Panel schedule.
  - ✓ Bulk Equipment sizing & SLD.
  - ✓ KNX.
  - ✓ BMS.
  - ✓ Voltage drop & Short Circuit Calculations
  - ✓ Light Current Systems design.
    - ❖ Structured Cabling.
    - ❖ Fire Alarm System.
    - ❖ CCTV System
    - ❖ Public Address System.
    - ❖ Access Control System.
    - ❖ Nurse Call System.
- Sponsored by: ELSEWEDY ENGINEERING INDUSTRIES [Sei].

## Professional Experiences

- ✓ **Electrical Engineer at ADO** [ June.2023 – Dec.2023]
  - Electrical Design and Shop Drawing system
  - Design for Triple play & FFTH
- ✓ **BIM Electrical Engineer at EEC** [ Jan.2024 – Till now]
  - Electrical Technical Office Engineer

## Some Projects

- 1- **North and South Spines & Utilities Tunnels in the Kingdom of Saudi Arabia (Revit)**
  - ✓ Shop Drawing for Cable Routing for Utility Tunnel & Main Road
- 2- **Hyatt place Hotel ALULA in the Kingdom of Saudi Arabia (Revit)**
  - ✓ Shop Drawing for Earthing System
  - ✓ Shop Drawing for Fire Alarm System
  - ✓ Shop Drawing for lighting System
- 3- **IL BOSCO CITY NEW LAND FUTURE CITY**
  - ✓ Fire Alarm System for commercial buildings & electrical utilities buildings.
  - ✓ A network for FTTH system infrastructure & Triple play system.
  - ✓ A separate network for the smart and security systems.
- 4- **GADO INTERNATIONAL HOSPITAL**
  - ✓ Design for Fire Alarm System .
  - ✓ Design for IP System .
  - ✓ Design for CCTV System .
  - ✓ Design for Sound System.
  - ✓ Design for Nurse Call system .
  - ✓ Design for Master Clock System.
  - ✓ Design for Q-Matic System.
- 5- **AL-FADILA NEIGHBORHOOD DMAMM FOOTBALL FIELDS in the Kingdom of Saudi Arabia**
  - ✓ Design for Fire Alarm System .
  - ✓ Design for IP System .
  - ✓ Design for CCTV System.
  - ✓ Design for Sound System.
  - ✓ Design for DAS System

## 6- FINANCIAL HUB MALL

- ✓ Shop Drawing for Lighting System .
- ✓ Shop Drawing for Fire Alarm System .
- ✓ Shop Drawing for CCTV System .

## Courses

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### • MEP BIM Diploma at Kaitech

[ MAY.2024 – Till now]

- ✓ BIM Fundamentals
- ✓ Revit ELEC Modeling
- ✓ Revit MEP Electrical Families
- ✓ Revit Coordination
- ✓ Revit work sharing
- ✓ Dynamo
- ✓ Bim Coordination and Clash Detection

### • Electrical distribution diploma at Dar-Alkahrbaa training center

[ June – Aug. 2023]

- ✓ Electrical design.
- ✓ Electrical Shop drawings.
- ✓ Light Current Design.
- ✓ Light Current Shop drawings.
- ✓ Panel builder
- ✓ knx
- ✓ Earthing &Lightning Protection systems
- ✓ Studying and tendering of electrical works
- ✓ Individual project

### • Elsewedy electrical cable accessories factory

[Dec. – 2022]

- ✓ MV premolded cable accessories (Joint, Termination & Elbow).

### • Professional Training Diploma at Eduvate

[July –Oct. 2022]

- ✓ Conceptual Design ( load Estimation, Zoning ,SLD Preparation)
- ✓ Bulk Equipment Sizing LV & MV switchgears
- ✓ Lighting Design
- ✓ Power & MEP Design
- ✓ Cable selection & Sizing
- ✓ Cable Routing
- ✓ Power system calculations (CB sizing ,cable , VD ,SC calculations )
- ✓ Earthing &Lightning Protection systems

### • Automation Solutions at HA Consulting Group

[July – Aug. 2021]

- ✓ Classic Control
- ✓ PLC Basic Programming
- ✓ Electric Motor & Drive Programming

### • Light current Course, Provided by Eng. Mohamed Emam (Online)

[Aug. 2021]

### • Distribution Course level 2, Provided by Eng. Mohamed Emam (Online)

[Aug. – Sep. 2020]

### • Distribution Course level 1, Provided by Eng. Mohamed Emam (Online)

[July – Aug. 2020]

### • Technical Office Course Provided by Eng. Mohamed Faramawy (Online)

[Jan – Feb. 2023]

## Skills

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- ✓ Revit.
- ✓ AutoCAD.
- ✓ DIALux.
- ✓ ETAP.

## Languages

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- ✓ English [Intermediate].