

# Menna Allah Atef Hassan

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**Date of Birth:** 9/4/2000

## Education

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2018 – 2023

### **Bachelor of Electrical Engineering**

New Cairo Academy-Higher institute of Engineering & Technology

Department: Electrical power and Machines

Grade: Excellent (GPA: 3.77)

Graduation Project: Power Distribution for Hospital

Project Grade: Excellent

## Training

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2022/07 – 2022/10

### **Professional Offline Diploma in Distribution– Edevate**

- Electrical Design
  - Load Estimation, Conceptual SLD, Space program, Lighting System, Small Power System, MEP System, Panel Schedule, Single Line Diagram, Bulk Equipment, Voltage Drop, Short Circuit Calculation, Cable Sizing, Cable Routing, Earthing & Lightning Protection System.
- ECODIAL Software
  - Design Single Line Diagram to Calculate Voltage Drop & Short Circuit Calculation.
- ETAB Software
  - Design Single Line Diagram to Calculate Voltage Drop & Short Circuit Calculation.
- Revit - Electrical Design
  - Lighting System, Small Power System, MEP Coordination, Panel Schedule, Cable Routing.

2023/02 – 2023/03

### **Light Current Systems**

- Fire Alarm System, Sound System, Access Control System, CCTV System, Data & telephone System

2021/9/05 – 2021/9/16

## **EL Mokawloon EL Arab Company**

- Lighting Switches Design.
- Types of Sockets.
- Panel Board Construction.
- Factors Affecting on Cable Selection.
- Selecting Circuit Breakers.
- Types of Lighting Lamps.
- Earthing System.

## **Projects**

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### **Graduation Project “Electrical Design For Children’s Specialist Hospital”**

Implementing Conceptual Design with all details which is summarized in Load Estimation, Bulk Equipment, Space Program, SLD, Lighting Design, Small Power System, MEP Coordination, Cable Routing, Cable Sizing, S.C & V.D Calculation (By Using 4 Methods: Manual Calculation, ECG Sheet, ETAB Software, ECODIAL Software), Earthing and Lightning Protection System.

Providing the hospital with Light Current Systems Which will Provide the patient with all means of safety, comfort and communication Such as: Fire Alarm System, Sound System, Access Control System, CCTV System, Data & telephone System, Nurse Call System.

### **Revit Individual Project at Eduvate Diploma “Villa Building”**

- Design For Lighting System.
- Design For Small Power System.
- Design For MEP Coordination.
- Design For Panel Schedule.
- Design For Cable Routing.

### **Team Distribution project at Eduvate Diploma “Hospital”**

- Load Estimation Calculation.
- Design For Zoning.
- Bulk Equipment Selection.
- Design For Space Program.
- Design For Concept SLD.
- Design For Lighting Design + Wiring.
- Design For Small Power Design + wiring.
- MEP Coordination + Panel Schedule Calculation.
- Cable Sizing + Voltage Drop + short circuit Calculation
- Design For Cable Routing + Earthing + Lightning.

## **Experience**

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- Training as visitor at Delta lighting company & Mam electric for panel builder company.
- Best member in professional distribution diploma at Eduvate.
- Best teamwork in professional distribution diploma at Eduvate.
- Design by using (Canva-picsart-Inshot).
- Contributed in international search (Robot Prototype in Room Service of Hotel).

## **Skills**

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### **Software Skills:**

- AUTOCAD
- DIALUX
- MATLAB
- REVIT
- ECODIAL
- ETAB
- Microsoft Office
- Excel

### **Language Skills**

- Arabic native
- English: Very Good

### **Soft Skills**

Multi -Tasking

Time Management

Self – Learning

Communication Skills

Flexibility

Teamwork ( Student Activity)

