

Holds a B. Sc. in Electrical Engineering and has about 4 years experience working as BMS Project / Presales and Testing & Commissioning Engineer.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male  
Marital Status : Single  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Electrical Engineering, Ain Shams University, 2020

## **LANGUAGES**

Arabic : Native Language  
English : Very Good  
Italian : Fair

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: Autodesk AutoCAD  
: Dialux  
: PCT (Project Configuration Tool)  
: Adobe Acrobat  
: AET (Automated Engineering Tool)  
: Sketch up

## **TRAINING COURSES AND CERTIFICATIONS**

: KNX Partner.  
: BMS .EBO 2023: EBO Engineering.  
: BMS .EBO 2022: Design and Estimation.  
: EcoStruxure Building: Graphics Editor 3.x.  
: EBO 2022: Software Licensing.  
: EcoStruxure Building: SpaceLogic PIBCV Valves.  
: Fire alarms: EcoStruxure Fire Expert: Esmi Impresia.

- : Access control: EcoStruxure Security Expert 2022: Prescription Foundational (Schneider Electric).
- : Participant at the Intern Program powered by ABB.
- : Energya (Elswedey Helal).
- : North Cairo Electricity Distribution Company.
- : Distribution course at MZS Group (May 2018): 3-months theoretical and practical sessions about distribution of electrical power at all scale of homes and malls.
- : APEC visits Program (Jun. 2018): 3 days visit to different companies: 3 Brothers, Suez (Water Treatment) & Titan Cement.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2022 till now
- Employer** : HICS - EcoXpert Schneider Electric (Hathor for Intelligent City Systems)
- Job title** : BMS Presales Engineer
- Job Description** :
- Selection and Planning Engineer for electrical Systems as MCC, DDC panel, Field Devices, BAS projects, using Schneider Electric products.
  - Communicate with the Project team with progress updates and any changes on site.
  - Making control scenario for all the HVAC systems (AHUs, FCU, Chillers, Pumps and the Cooling towers).
  - Selecting the proper control field devices same as (Sensors, Actuators, Valves, Dampers, Contactors and etc.).
  - KNX System Design.
  - Panel Troubleshooting.
  - Commissioning and Testing of Actuators (Switch, Blind/switch, Dimming, shutter, Fan coil Actuator).
  - Commissioning and Testing of Sensors (Presence sensor, Push buttons, Touchscreens).
  - Gateways (Inside control, Homelynk).
  - BMS Technical submittal proposal.
  - BMS Wiring & Cables Recommendations & Revise Shop Drawing.
  - BMS Testing & Commissioning Engineer:
    - BMS revise the Wiring Test.
    - Commissioning using PCT & AET and SE Workstation.
    - Create project GUI with Graphic editor.
- Field of experience** :
- BMS & KNX Project Engineer - System Integrator Engineer.
  - BMS Presales Engineer.
  - BMS Testing & Commissioning Engineer.