

**101450-ELE-CD-E-2019**  
**Team Leader Light Current Engineer**

Holds a B. Sc. in Electrical Power & Control Engineering and has over 1 year experience in design, installation, commissioning, testing and supervision of Electrical Security Systems and surveillance system projects equipment selection and engineering calculation for any kind of Low voltage system and electrical work supervision.

## PERSONAL DATA

Nationality : Egyptian  
Gender : Male

## EDUCATION

: B. Sc. in Electrical Power & Control Engineering, Arab Academy for Science & Maritime University, Cairo, 2019

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD  
: Dialux  
: Matlab

## TRAINING COURSES AND CERTIFICATIONS

: ECG Internship (APE):

- Electrical Bulk Equipment.
- Switch Gear/Space Program.
- AutoCAD.
- Indoor Lighting.
- Small Power & Panel Schedule.
- Dialux.
- MEP Coordination.
- Cables & Bus bars.
- Earthing + Lightning Protection Concept.

: North Cairo Electricity - Electric distribution.

# CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2020 till now
- Employer** : Smart-it business
- Job title** : Team Leader Light Current Engineer
- Job Description** :
- Responsible for Installation, Troubleshooting, and Configuration of Light Current Systems as CCTV, Access Control, Intercom Systems, intrusion, fire alarm and smart parking).
  - Responsible for projects delivery and leading a team of technicians.
  - Collaborate with Projects Departments to deliver detailed project plans and work breakdown.
  - Ensure the regular & proper verification, performance, implementation of the light current system.
  - Validate system functionality by executing the operational checklist in order to ensure that each equipment is working properly.
  - Experience in engineering documents and technical submittals.
  - Automation projects (smart homes, smart solutions for light current projects, smart parking).
  - Smart lightning systems.

## **Projects:**

- 3Brothers new building - 10th of Ramadan City:
  - Access control system.
  - Integration with fire alarm system.
- EMAN'S Tower - FIFTH SETTELMENT:
  - Access control system.
  - Parking gate.
- MAERSEK STOCKS NEW BUILDING - ISMAILIA:
  - Access control system.
  - Integration with fire alarm system.
- Armed Forces Officers Club – Zamalek: Parking system.
- Arco Steel Factory – Sadat City: CCTV Surveillance.
- Museum of illusion – Sodic: Speed lane turnstile gates.
- New Complex Station – Port Said:
  - Fully automated software for parking system supported by Hardware System (access control – dispenser – barrier gates – card readers Receipt printers ...).
  - Infrastructure (cables layout – Circuit breakers calculations for low current panels).

- Field of experience** :
- Knowledge of Fire detection system (addressable, conventional and hybrid). Door access control system. Intruder detection system, time and attendance system (Proximity card reader, biometric, and face detection) installation commissioning and testing.
  - Comprehensive knowledge of developing test procedures, method statements, Shop drawings, schematic diagrams and design, specifications.