Holds a B. Sc. in Electrical Power & Machines Engineering and has gained some experience working as Industrial Automation Engineer.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	22/06/1996
Gender	:	Male
Marital Status	:	Single
Residence	:	Giza, Cairo

EDUCATION

	:	B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2019

LANGUAGES

Arabic	:	Native Language
English	:	Good

COMPUTER SKILLS

- Windows, MS Office, Internet
- AutoCAD
- Etap
- Ecodial
- Dialux
- Altuim designer
- Somachine basic
- Unity pro
- Vijeo designer
- Automation Studio
- Eagle designer
- C, C++
- Micro C
- Assembly
- Visual Basic
- Kali-Linux
- Backtrack

TRAINING COURSES AND CERTIFICATIONS

- : Low voltage switchgear course at Schneider Electric.
- : Electric distribution design.
- : Solar system design.
- : AutoCAD
- : Etab
- : PLC and HMI
- : Classic control.
- : Microcontroller course (pic and Atmel).
- : Electronics (analog and digital).
- : PCB design.
- : AC and DC drives.
- : Internship at Schneider Electric (from Dec. 2018 till May 2019): Electrical design of distribution system like Electric Services and infrastructure design, Project life cycle, Construction field and Coordination with other disciplines.
- : Internship at Qarun Petroleum Company (Jul./Aug. 2018): Identification of Gas unit configuration, Stand-alone power plant, Control system using Induction motors soft starting and control using PLC and SCADA, Variable speed drives and PLC, Synchronous generator and distribution transformer.
- : West Cairo Power Plant (Jul. 2017) - Identification of mechanical, electrical equipment components, operation and maintenance of steam units of steam stations, Detailed contents:
  - Single line diagram reading.
  - Synchronous generator (construction, operation and protection).
  - Power Transformer (construction and assembly, testing, maintenance, technical information and drawings, protection and oil treatment).
  - Types of switchgear (AIS, GIS, HYPRID) and components.
  - Bus bar arrangement.
  - Power plant auxiliary systems.
  - Transformer parallel operation conditions.
  - Interconnected Grid.
  - Thermal cycle of units and (Boiler (heater), Turbine, condenser and Pumps).
  - Instrumentations and measuring Devices for (flow pressure, speed, vibration and Temperature).
  - Main control systems (DCS, BMS and TCS).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	:	From Oct. 2019 till now
Employer	:	MechAsol
Job title	:	Industrial Automation Engineer