Mohamed Mustafa Otafy Ahmed

Mobile: 01100642931

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Date of birth: 7/11/1999

Address: Giza, Egypt

Military status: Exempted

Marital status: single

Education

- **Faculty of Engineering, Cairo University.**   **(2017-2022)**

- **Department:** Electrical Power Department.

- **accumulative grade:** very good.

- **Graduation project:** (Intelligent Manufacturing Using industry 4.0) (Control project)

  Generating an integrated machine for filling bottle industry sponsored by Schneider

  Electric and Egypt AI & IOT challenge.

Internship Experience

- **Training in El-Mokawloon El-Arab (8/2019 - 9/2019).**
    - Basics of classic control and plc
    - Design of low voltage grounding system
    - Some electrical constructs.

- **Training in El-Madinah steal as a maintenance engineer (7/2020 – 9/2020).**

- **Training in Dar El-Handasa(Cairo) (7/2021 – 8/2021).**
    - Design activities of Electrical system including electrical distribution networks, overhead transmission line, renewable energy sources, electrical load calculation, indoor &outdoor lighting installations including software applications in design works, earthing and lightning protection systems and vertical transportation system.
    - I worked on real project "**AlHaramain presidency building**" including all electrical distribution design.

- **Training in EISAC Automation company (8/2021 – 9/2021).**
    - Programming SIEMENS s7-1200 PLC.

Extra Courses

1. Feb.2020   Arduino course from Trim academy.

2. May.2020   Classic control   online

3. July.2020   PLC course from SITRAN platform

Skills

Personal:

- Ability to work in a team environment

- Having a good public relationship

- Have the ambitious to learn new things and upgrade my knowledge

Languages:

- Mother tongue: Arabic

- Second language: English

Software:

- Microsoft Office.

- MATLAB (advanced including a lot of libraries such that Simpowersystem, Simulink and SisoTool for control design).

- Programming Language Skills (Visual Basic – Ladder Diagram – Arduino C – C++).

- TIA SIEMENS portal v16.

- Schneider Electric control Expert.

- EcoStruxure Machine Expert (Schneider PLC programming software).

- Vijeo designer (Schneider HMI programming software).

- Machine SCADA expert 2020 (Schneider SCADA programming software).

- AutoCAD Electric

- DIALUX for lighting design.