

Holds a B. Sc. in Mechanical Engineering and has about 4 years experience working in construction, HVAC and maintenance.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 26/09/1996  
Gender : Male  
Marital Status : Single  
Residence : Alexandria

## EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2019

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: Solid Works  
: AutoCAD  
: HAP  
: Elite

## TRAINING COURSES AND CERTIFICATIONS

- : Training at Alexandria Water Company - El-Seiouf Water Treatment Station (Aug./Sep. 2018):
  - Overview of piping works.
  - Overview of pumps and its types.
  - Overview of modern diesel engine.
  - Overview of filters and water clocks.
  - Overview of all water treatment steps from upstream to houses.
- : Training at Titan Cement Egypt Company (Aug./Sep. 2016):
  - Overview of process of producing cement.
  - Session on industrial safety.
  - Overview of firefighting system.
  - Session on personal skills.

- : Solid Works: 90 Hours advanced course (Mechanical Diploma) affiliate to IEEE organization in June 2016, the course includes 2D & 3D modeling, Assembly modeling, Sheet metal, Sheet drawing, Dynamic simulation and stress analysis.
- : HVAC: 40 Hours course in EgyCet training company in June 2019, the course includes estimation of cooling load (manual HAP software), Systems of air conditioning, Duct design, Ventilation design, Air diffuser selection, Air handling unit selection, Fan, piping and pump design.
- : Fire Fighting: 28 Hours course in EgyCet training company in October 2019, the course includes full design for water and gas based system, Selection of proper fire protection system, How to use codes to get design data, How to calculate manually the operated pressure and flow rate of the pump selected, How to use (ELITE) for hydraulic calculation, Full design (drawing and calculations) for project.
- : Attending sessions in "Employability Skills Track" (Jun. 2019) affiliate to Aspire Training Solutions, powered by USAID from the American people & The American University in Cairo. These sessions include human development, communication skills, presentation skills, leadership skills.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2020 till now
- Employer** : PHARAONIA Pharmaceuticals Company (PHARO PHARMA)
- Job Description** :
- Worked as Maintenance Mechanical Engineer in company factory at Borg El-Arab, Alexandria.
  - Manage whole-building mechanical systems, including completing routine maintenance, performing efficiency tests, repairing broken machines, and recommending upgrades when necessary.
  - Carry out periodic maintenance for all mechanical parts of hydraulic systems, pneumatic systems, boilers, compressors and pumps.
  - Repair of sudden mechanical failures for all factory machines by disassemble malfunctioning equipment when necessary to locate broken parts, and complete repairs using specialized tools.
  - Responsible for providing all spare parts for machines and mechanical parts that are prone to damage and establishing a store for spare parts in the company from the braid.
  - Develop and implement a preventive maintenance plan for all mechanical maintenance works for machines in the factory to avoid sudden malfunctions.
  - Worked as HVAC Site Engineer and carry out regular site visits to make sure everything is taking place according to the plan.
  - Managing about air handling units (about 30 AHU) and chillers (3 chillers) for the company's factory and warehouses and do all maintenance for them and provide its spare parts.
  - Worked as Water Treatment Engineer, manage water treatment station produces DI water with capacity 5000 m<sup>3</sup>/hr by using two RO devices, softener, carbon tank and pipes network for the station.
  - Responsible for (Enterprise Resource Planning "ERP System") for the company's engineering sector which includes the entry and inventory of all work orders for sudden mechanical maintenance of factory machines and the implementation of annual preventive maintenance of equipment

and machines in the factory and extract reports for that.

- Install new equipment in factory according to customer requirements, and perform initial testing and optimization procedures to ensure correct and efficient operation.
- Coordinate with other equipment technicians to improve integration of multiple systems within large buildings.

**Dates** : From Jul. 2019 till Feb. 2020  
**Employer** : German Technical Company for installation and maintenance of Elevators  
**Job Description** :

- Worked as an Assistant Engineer in sites affiliate to company.
- Maintenance of mechanical parts of elevator and make sure it works well.
- Solve any problem appeared.
- Overview of electric control system of elevators.