

Holds a B. Sc. in Mechatronics Engineering and has over 2 years experience working in installation of pharmaceutical piping system and designing the whole system.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/12/1992
Gender : Male

EDUCATION

- : B. Sc. in Mechatronics Engineering, Arab Academy for Science and Technology and Maritime Transport (AAST), Cairo, 2017
- : Post Graduate (Masters) preparation in Mechanical Engineering, Arab Academy for Science and Technology and Maritime Transport (AAST), Cairo (2018 till present)
- : Secondary Education: English School (ESC), Heliopolis, Cairo, 2011

LANGUAGES

Arabic : Native Language
English : Fluent
French : Good

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : CAD Programs (AutoCAD, Inventor, Solid Works, Pro Engineer)
- : Simulation Programs (Matlab, Labview & Proteus)
- : Finite Element Analysis (Ansys Fluent & Point Wise)
- : HAP for HVAC load calculations

TRAINING COURSES AND CERTIFICATIONS

- : HVAC Course (Engineers House) (Aug. 2017).
- : Fire Fighting Course (Excellent Way) (Nov. 2016).
- : Total Quality Management (Brooklyn Academy) (Oct. 2019).
- : Lean Six Sigma (yellow belt) (Brooklyn Academy) (Jan. 2020).
- : Internship at Helwan Fertilizers Company (2014):
 - Get to know the whole production cycle as well as turbines know how, re-claimer and overview on maintenance.
 - Thinking efficiently for manufacturing a shaft with nearly 5 times cheaper

- than its importing price with the same quality.
- Turbines working principle and their types.
- : Internship at Mercedes Benz (2015):
 - Overhauling engines.
 - Diagnosing and troubleshooting using car's computer.
 - Different types of maintenance.
- : Internship at Petrojet (2015):
 - Reading drawings done by technical office to be manufactured.
 - Welding and its types.
 - Oil field pipes manufacturing by rolling sheet metal.
- : Internship at Egypt Air (2016):
 - Learned about the outer design of the plane and the function of each component.
 - Different assembly methods done by Boeing and Airbus.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2020 till now
- Employer** : El-Mehy Engineering Company
- Job title** : Site & Qualification Engineer
- Job Description** :
- Installation of pharmaceutical piping system and designing the whole system including selection of pumps according to the required flow rates, pressures and selection of valve size according to the required consumption rate.
 - Drawing P&ID, shop drawing, isometric drawings for welding and slope and as built drawing after finishing the project for qualification purposes.
 - GTAW Welding using automatic orbital welding machine (AMI orbital welding machine).
 - Surveying site to determine the required items and their quantities to form a quotation.
 - Inspect and review projects to monitor compliance with standards and customer expectations.
 - Read and interpret blueprints, technical shop drawings, schematics, or computer-generated reports to support onsite activities.

- Dates** : From Sep. 2019 till Jan. 2020
- Employer** : Arab Academy for Science and Technology
- Job title** : Teaching Assistant

- Dates** : From Aug. 2019 till Oct. 2019
- Employer** : Safkar Egypt
- Job title** : Installation & Maintenance Engineer
- Job Description** :
- Installation of refrigeration units for trucks trailers.
 - Check for any leakage before handing it to quality section.
 - Responsible for maintaining the refrigeration units.
 - Test the unit's pressures and compare its performance with the standards.
 - Ensure the availability of spare parts at the warehouse.