

Holds a Sc. in Mechanical Engineering and has over 1 year experience working as Piping Construction Engineer and Production Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/07/1994
Gender : Male
Residence : Alexandria

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet
: Inventor (2D & 3D modeling, including assembly, drawing sheets & presentation)
: Solid Works (2D & 3D modeling, including assembly, basic stress & motion analysis)
: AutoCAD (2D sketch, assembly and drawing sheets, etc.)
: Ansys (CFD (Fluent))
: SAP

TRAINING COURSES AND CERTIFICATIONS

: Overhead and Mobile Cranes Test and Inspection (Instructor: Dr. Mohamed El-Komi): Intensive five days course about overhead and mobile cranes, discussing many topics like types of cranes, main components of it, how to read loading tables and charts, and finally how to perform a lifting plan for various types of loads.
: Production Engineer Trainee at Pharmaplast S.A.E. (Apr. 2020): A training to cover up factory processes of produced products, different departments' machines and production plans overview.

- : Technical Office Engineer at Alex Fort Worth (A.F.W Corp.), Alexandria (Sep. 2019 – Dec. 2019): An internship aims to learn work-flow, industry field scope and all basic theoretical knowledge needed to integrate with work.
 - Worked in a conveyor build up project, designing and calculating steel structure load for the whole conveyor and also drawing flow sheets in proposals.
 - Studied dust bag filter, components', standards of selection, and parameters that affect the system.
 - Worked on a dust cyclone design based on analysis and simulation.
 - Studied how dynamic and static loads affect the structure and how to analyze its vibrational motion.
 - Had an overview of conveyors, hoppers, silos, and other components that mainly are used in the cement industry.
- : Summer Internship at Alexandria Fertilizers Company (ALEX FERT) (Aug. 2017): It was mainly concentrated on showing us the main production process of their product, daily tours on-site, the workshop equipment and usage of and finally some of the specific problems faced and how being solved.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2021 till now
Employer : El-Mahd Engineering Contracting Co.
Project : EDC (Ethylene Dichloride Cracker) Cracking Unit project at EPC
Job title : Piping Construction Engineer
Job Description : Responsible for piping construction and fabrication, also with background and doing tasks in technical office work like quantity surveying.

Dates : From May 2020 till Dec. 2020
Employer : Pharmaplast S.A.E, Alexandria
Job title : Production Engineer
Job Description :

- Review production orders related to the monthly plan and calculate the quantities required to be produced throughout the month.
- Coordinate with different raw materials dept. and ordering production so there will be no conflict with the production monthly plan.
- Calculate the production and minimize waste percentage as low as possible.