

Holds a B. Sc. in Mechanical Engineering and has about 10 months experience working as Junior Mechanical Engineer.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2018

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD Plant 3D
: AutoCAD
: Fusion 360
: Solid Works
: ANSYS
: HAP
: HTRI

TRAINING COURSES AND CERTIFICATIONS

: Fundamentals of fluid power (online, Coursera).
: Applied CFD using Ansys Fluent (Engineering Center – Alexandria University).
: Hands-on Introduction to Engineering simulations (online, edx).
: Introduction to Forensic Engineering (online, Open Learn).
: Gas turbine construction and maintenance (SPE - Alexandria University).
: Attending the International Exhibition and Conference for Refrigeration, Air Conditioning, Heating, Thermal insulation and Energy (Cairo, 4th & 5th May 2018).

- : Internship at Alexandria Mineral Oils Co. (AMOC) (Wadi Elkamar, Alex) (Jul./Aug. 2017):
 - Construction of piping system and tanks.
 - Mechanical maintenance.
 - Welding and inspection methods.
- : Internship at The Arab Contractors (Alamrya, Alex) (Aug. 2017):
 - Diesel engine construction and maintenance.
 - Assembly and disassembly departments.
- : Internship at El-Tarek Nile Co. for automotive (Elkabary, Alex) (Sep. 2016):
 - Gasoline engine construction and maintenance.
 - Assembly and disassembly departments.
- : Internship at West Delta Power Co. (Abu Qir Power Plant) (Aug. 2016):
 - Pumps, compersors and steam turbines maintenance.
 - Boilers, condensers and heat exchangers.
- : Internship at Petroleum Pipelines Co. (Al Max - Al Amrya, Alex) (Aug. 2015):
 - Piping system operation and maintenance.
 - Pump construction and maintenance.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2018 till now
- Employer** : General Labs - ExxonMobil, Elmex, Alexandria / Chevron, 6 October, Cairo
- Job title** : Junior Mechanical Engineer
- Job Description** :
- Mex Terminal Labeling and Tagging Project – ExxonMobil:
 - Producing as-built hand-sketches for pipelines in service (Identifying piping components, line tracking).
 - Producing P&IDs from hand sketches using AutoCAD Plant 3D.
 - Mex Terminal Firefighting and Industrial Drainage Layout Project – ExxonMobil: Performing on-site measurements of the fire hydrants, water & foam monitors and drainage sumps layout.
 - Mex Terminal Blending House Steel Structure Stress Analysis – ExxonMobil: Conducting FEA simulations for the structure using Autodesk Fusion 360.
 - Mex Terminal Steam Network Isometric Drawing – ExxonMobil:
 - Producing ISO drawings for the steam network recommending the optimun route.
 - Calculating thermal expansion in the pipes.
 - Chevron Terminal Labeling and Tagging Project – ExxonMobil:
 - Producing as-built hand-sketches for pipelines in service (Identifying piping components, line tracking).
 - Producing P&IDs from hand sketches using AutoCAD Plant 3D.