

Holds a B. Sc. in Mechanical Power Engineering and has experience working in design and as Project Engineer.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Single

EDUCATION

: B. Sc. in Mechanical Power Engineering, Suez Canal University, 2017

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Solid Works - Ansys - Matlab
: MS Project

TRAINING COURSES AND CERTIFICATIONS

- : Gas Turbine Familiarization for Undergraduate Engineers (Egypt Air).
- : Oil & Gas Industry Operations and Markets (Coursera).
- : Our Energy Future (Coursera).
- : Wind Turbine (Coursera).
- : Internship at Ezz Flat Steel, covered the following aspects:
 - The main stages and processes for Billet and Coil steel production.
 - Electric Arc Furnace uses in steel production.
 - Preventive & Predictive maintenance with different strategies for types.
 - Different types of rolling mill.
- : Training at Agiba Petroleum Co.:
 - Learnt about the machinery used in oil process using oil spirators, heat exchanger and heater.
 - Valuable knowledge about solar power plant, polymer plant and workshop in the field.
- : Training at Belayim Petroleum Co. (Petrobel):
 - Obtained the main Principles of the Liquid Natural Gas Station (LNG) and Gas Power Plant.

- Learnt about the machinery used in drilling rig such as top drive, mud pump, belt drive and diesel engines.
- : Training at Gemsa Petroleum Co. (Gempetco):
 - Studied types of offshore rig, pipelines, hydraulic pumps and valves.
 - General information about project management.
- : Training at Egypt Air:
 - Trainee at Maintenance and Engineering Co. - one of Egypt Air companies, involved with engine workshop and NDT workshop.
 - Learnt about Flight control, pneumatic & air conditioning and hydraulic.
 - Studied NDT inspection such as ultrasonic, eddy current, fluorescent penetrated, magnetic particle and x-ray inspections.
- : Training at Orascom Construction, Suez Canal Tunnels Mega Project in Port Said:
 - Principles of Health, Safety and Environment (HSE).
 - Learnt about giant Tunnel Boring Machine (TBM) with diameter 12.8 meter.
 - General knowledge about Segments factory and Diaphragm walls.
- : Training at Suez Canal Authority, Mashhour dredger - the biggest dredger in the Middle East: Valuable knowledge about dredging, dredging pumps, generators, power control room (PCR) and protection equipment.
- : Training at East Delta Electricity Production (El-Shabab Station):
 - Observed the steam power plant process machinery.
 - Acquired the knowledge about the operation theory of the different component.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2017 till now
Employer : The Arab Steel Fabrication (Elsewedy Steel)
Job title : Project Engineer
Job Description : Follow-up on jobs and keep the top management informed of the latest status on new jobs.

Dates : From May 2014 till now
Employer : Eco Marine for Remotely Operated Vehicle (ROV)
Job title : Mechanical Designer
Job Description :

- I'm one of founders of this team and in Jun. 2016 we joint Technology Program (Academy of Scientific Research) as a startup company to industrialize ROV.
- Our sponsors:
 - Technology Innovation and Commercialization Office (TICO - Suez Canal University).
 - Suez Canal Authority.
- My work covered the following aspects:
 - Design and manufacturing ROV body, stability and buoyancy system using Solid Works.
 - Selecting seals, hydraulic pump and motors.