

Holds a B. Sc. in Mechanical Engineering and has over 1 hands-on experience working in technical office field.

## PERSONAL DATA

Nationality : Egyptian  
Gender : Male  
Residence : Alexandria

## EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2016  
: Secondary Education: Collège Saint-Marc, Alexandria, 2011

## LANGUAGES

Arabic : Native Language  
English : Fluent  
French : Fluent

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD 2D & 3D  
: AutoCAD Plant 3D  
: Autodesk Fusion 360  
: Autodesk Robot Structural Analysis  
: Autodesk Simulation CFD  
: AFT Fathom  
: Ansys  
: Matlab  
: Solid Works

## TRAINING COURSES AND CERTIFICATIONS

- : Internship at Alexandria International Airport Project - Saudi Binladin Group (SBG) (Aug./Sep. 2016):
- Installation and testing of sewage UPVC pipes networks.
  - Installation and testing of domestic water supply polypropylene (PPR) networks.
  - Installation and testing of firefighting networks.

- : Internship at SUMED - Arab Petroleum Pipelines Company (Aug. 2015): Learning about pipeline inspection and maintenance methods, cathodic protection and welding procedures.
- : Internship at Abu Qir Thermal Power Stations, West Delta Electricity Production Company.
- : Firefighting Systems Design Course (Independent Online Course) (Oct. 2016).
- : Design of Domestic Water Supply and Drainage Systems Course (Independent Online Course) (Nov. 2016).
- : Fundamentals of Fluid Power, University of Minnesota (Independent Online Course) (Oct. 2016).
- : ASME B31.3 Process Piping Basic Course (Mar. 2014).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2017 till Aug. 2018
- Employer** : General Labs
- Job title** : Junior Mechanical Engineer
- Job Description** :
- Mex Terminal New Deaerator Skid Steel Structure Design – ExxonMobil:
    - Producing the 3D design and orthogonal drawings for the structure using AutoCAD Plant 3D.
    - Performing member selection and optimization using Autodesk Robot Structural Analysis,
    - Conducting FEA simulations for the design using Autodesk Fusion 360.
  - Mex Terminal Labeling and Tagging Project – ExxonMobil:
    - Reading and interpreting existing P&IDs.
    - Producing as-built hand-sketches for pipelines in service after (Identifying piping components, line tracking).
    - Producing P&ID drawings from hand sketches.
    - Tagging newly labeled pipeline components.
  - Mex Terminal Modern Grease Unit Layout Project – ExxonMobil:
    - Performing on-site measurements of the building layout (Machinery, storage tanks, piping).
    - Producing 3D and layout drawings of the unit using AutoCAD Plant 3D.

- Dates** : From Feb. 2017 till Sep. 2017
- Employer** : Saudi Binladin Group (Al-Marasem)
- Project** : Alexandria International Airport Project
- Job title** : Junior Mechanical Technical Office Engineer
- Job Description** :
- Reviewing projects' BOQ's, specifications and design tender drawings.
  - Design review of mechanical systems as Water Supply, Drainage and Fire Fighting.
  - Shop drawing for Water Supply, Drainage and Fire Fighting systems.
  - Quantity surveying.
  - Preparing RFI's.
  - Following submitted work to the consultants until receiving approvals.