

Holds a B. Sc. in Mechanical Engineering and is looking to gain experience in his field of education.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 07/04/1994
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2017

LANGUAGES

Arabic : Native Language
English : Very Good
German : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet
: MATLAB, Solid Works, Creo Pro/E, AutoCAD, Inventor, ANSYS
: HTRI, ESS, Aspen-Hysys, Primavera, Revit MEP, Pipe Flow Expert

TRAINING COURSES AND CERTIFICATIONS

: Introduction to Engineering Simulation (MOOC), Cornell Engineering, US (2016).
: Introduction to Robotics (MOOC), Queensland University (2015).
: Internship at Abu Qir Fertilizers and Chemicals Company (summer 2016):

- Identified on the main factories (production lines, chemical processes, and mechanical equipment).
- Practiced on vibration analysis cases.

: Internship at Mantrac (Caterpillar solo dealer in Egypt) (summer 2015):

- Restored and maintained of Caterpillar mining and construction machines.
- Rebuilt CAT diesel engines with ACERT technology.
- Gained valuable hand skills.
- Understood the basic principles of Trouble-Shooting.
- Identified on various types of Caterpillar machines

: IELTS (Academic) Score 6 – Effective command of the language.
: German: A1 level.

Graduation Project:

Liquefaction of Natural Gas and Air Separation (Team Leader):

- Designed and simulated LNG plant and Air Separation unit (Oxygen, Nitrogen, and Argon).
- Selected the types and sizes of compressors used.
- Optimized the processes for minimum power consumption and maximum production.
- Made complete capital and running cost analysis.