

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

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/06/1991
Gender : Male
Marital Status : Single
Residence : El-Behira

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2017
: Diploma degree in Automotive Engineering, Industrial Technical Institute, Alexandria University, 2009-2011

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Matlab & Simulink
: AutoCAD 2D
: Fusion 360 (3D MODELING & FEA)
: Solid Works (3D MODELING)
: EPANET
: ANSYS
: HAP (FOR HVAC CALCULATIONS)

TRAINING COURSES AND CERTIFICATIONS

: IMDL (International Management Driving License), Toronto International School of Business (2 weeks) (Sep. 2013).
: ISO 9001:2008 Quality Management System, STE Science & Technology Engineering Center (2 days) (Oct. 2012).
: Application of OSHA Standards in General Industry, STE Science & Technology Engineering Center (4 days) (Sep. 2012).

- : Internship at Abu Qir Power Station (Aug./Sep. 2015): Technical training on the entire power station components basics. From burning the fuel until producing electricity to the grid.
- : 30 days training at ULTRA - PURE GAS Co.:
 - Operation and maintenance training.
 - Trained on Gases Refilling Networks for Nitrogen, Oxygen, and Helium with high pressure.
 - Tanks leak detection and inspection with vacuum and pressure techniques.
 - High pressure gases networks leak detection and maintenance.

Graduation Project:

PPSimu (Power Plant Simulator):

Group of Simulink blocks programmed with Matlab codes which typically represent all thermal power station components. One can simply drag and drop the desired blocks to build the steam power plant, operate it, simulate it, and optimize it online while seeing the plant works.