

Holds a B. Sc. in Aerospace Engineering and has over 3 years experience working in design and technical office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/03/1992
Gender : Male
Residence : Cairo

EDUCATION

: B. Sc. in Aerospace Engineering, Cairo University, 2014

LANGUAGES

Arabic : Native Language
English : Excellent
French : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD, Revit
: Solid Works, Catia
: Matlab
: Simulink, Control system design, Nastran and Ansys fluent

TRAINING COURSES AND CERTIFICATIONS

- : Basic course for aeronautical engineer phase (I), Egypt Air Company (2013): Know the basic of maintenance on airframe and aircraft system.
- : Basic course for aeronautical engineer phase (II), Egypt Air Company (2014): Know the basic of maintenance on Engine and engine system.
- : Basic course in HVAC system, Engineers' House (Jun. 2016):
 - Air-condition system.
 - Load estimation (HAP software).
 - Air outlet and duct design.
 - Chiller System.
 - Design two projects.
- : Basic course in Plumbing system, Engineers' House (Aug. 2016):
 - Cold and hot water supply system.
 - Drain system and pipe size.

- System test and accessories.
 - Design two projects.
- : Basic course in firefighting system, Engineers' House (Aug. 2016):
- Manual and automatic firefighting system.
 - Hydraulic calculation.
 - Fire Elite program hydraulic calculation.
 - Firefighting pumps and water tank design.
 - Bill of quantity of project sample.
 - Design one project.
- : REVIT MEP course, Engineers' House (Sep. 2016): Principle using Autodesk Revit.
- : Human factor course, Egypt Air Company (Feb. 2017): Effected factor on human production.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2017 till now

Employer : Pro-Tec Company

Job title : Mechanical Engineer

Job Description :

- Design gas firefighting System (Co2, FM_200, NOVEC, Inergen and Foam).
- Make Calculation and shop drawing at AutoCAD program.
- Bill of material.

Dates : From Oct. 2014 till Apr. 2017

Employer : Egyptian Air Force

Project : Military Service

Job title : Mechanical Engineer (Officer)

Job Description :

- Perform routine maintenance and special inspection tasks at Egyptian Air Force HVAC and firefighting system.
- Design an HVAC system for rest officer building and participate in implementation.

Field of experience :

- Have extensive knowledge to deal with various mechanical system, high ability to understand various mechanical operation with considering safety precaution.
- Have the ability to deal with firefighting, Plumbing and HVAC system.
- Have the ability to deal with various software design programs (Solid Works, Catia, AutoCAD and Ansys).