

Holds a B. Sc. in Aerospace Engineering and has over 2 years experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 30/04/1995
Gender : Male
Marital Status : Single
Residence : Cairo

EDUCATION

: B. Sc. in Aerospace Engineering, Cairo University, 2018
: Motafawkeen Secondary School for Advanced Boys, Ain Shams - Cairo, 2013

LANGUAGES

Arabic : Native Language
English : Very Good
German : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: Matlab & Simulink, Solid Works, AutoCAD, FEMAP, Ansys
: Lyx, XFLR, Mathematica & Maple, Labview, Arduino, Proteus
: HTML5, CSS, C/C++ programming, Python

TRAINING COURSES AND CERTIFICATIONS

: Basic Airframe and Power Plant for Undergraduate Aeronautical Engineers, Egypt Air Training Academy, Cairo (Jul./Aug. 2017 (phase 1) & Jul. till Sep. 2018 (phase 2)):

- Acquired the general knowledge of plane maintenance.
- Learned about the different plane designs and systems.

: ICDL

: Human Factor for Maintenance Engineers.

: Online courses:

- Mechanics of Materials, Georgia Institute of Technology (2019).
- Speak English Professionally (in person, online & on the phone), Georgia Institute of Technology (2019).

- Grammar and Punctuation, University of California, Irvine (2018).
 - Tricky American English Pronunciation, University of California, Irvine (2018).
 - Write Professional Emails, Georgia Institute of Technology (2018).
- : Training at ATIC Company, Cairo (Aug. 2016): Gained knowledge of pipe welding inspections and techniques of NDT.
 - : Training at Egypt Air, Cairo International Airport (Aug./Sep. 2015): Got exposed to the process of maintaining planes and getting them ready to fly.
 - : Training at NARSS, Cairo (Aug. 2015): Learned about satellites design, construction, control and propulsion systems.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2020 till now
Employer : ENPPI
Job title : Piping Design Engineer

Dates : From Aug. 2019 till Jul. 2020
Employer : El-Nasr Transformers
Job title : Mechanical Design Engineer
Job Description :

- Study the transformers specifications and prepare the mechanical data in the power transformers technical offers.
- Prepare of all the specifications for the material and accessories related to the mechanical design.
- Prepare of the detailed manufacturing design for the mechanical parts of the power transformer including core, frame structure, tank and cable boxes using drawing programs 2D & 3D.

Dates : From Feb. 2019 till Jun. 2019
Employer : E.A.E.A.T. (km 3 Cairo Belbis Desert Road, Cairo)
Job title : Teaching Assistant
Job Description : Mechatronics Engineering Dept. - Courses:

- AutoCAD (preparatory year).
- Principles of Mechatronics (2nd year).
- Robotics (3rd year).

Skills:

- Engineering.
- Structural Analysis.
- Robotics.
- Finite Element Analysis (FEA).
- Computational Fluid Dynamics (CFD).
- Research.
- Computer-Aided Design (CAD).
- Design Engineering.
- Software Development Life Cycle (SDLC).
- Fluid Mechanics.