

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

PERSONAL DATA

Nationality : Egyptian
Birth Date : 07/11/1991
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Production Engineering, Helwan University, 2013
: M. Sc. in Mechanical Engineering, University Teknologi Malaysia, 2017

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Modelling and control of a Two Link Flexible Manipulator. System identification using two algorithms; recursive least squares and cuckoo search algorithm. Validation using mean square error and coloration tests (Master Degree Project).
- : Attended Project Management Professional Workshop for 35 hours, recognized by AMMP Center, University of Malaysia. The workshop included the three main sections of project management; Planning, executing and monitoring and control of project. Also a brief training on Microsoft Project was included (Oct./Nov. 2016).
- : Building Prototype of speed bumper which converts kinetic energy into electrical energy, developing test procedures and conducting tests using software packages and physical testing methods. Applying mechanical and electrical principles to resolve engineering problems and find appropriate solutions, Developing design with less possible volume and best efficiency, preparing material, cost and timing estimates (Graduation Project Academic Year 2012-2013).

- : Traumatic 235 punching machine programming. Product design, fabrication, assembly, tooling and materials selection (Faculty CNC workshop) (from Feb. till May 2013).
- : 2D & 3D Design using Solid Works (CAD/CAM CIM Cairo) (Jan./Feb. 2013).
- : Operating CNC Turning and milling Machines (ITC Industrial Technical Council) (Jan./Feb. 2012).
- : English: IELTS Band 7 (Feb. 2015).
- : Development Traineeship with AIESEC Almaty, Kazakhstan for 8 weeks (from Jul. till Sep. 2011):
 - The project was in Akerke Camp for Children between ages 5-15.
 - Teaching basic English to children.
 - Animator; Keeping the children entertained and motivated.
 - Swimming supervisor, football coaching.
 - Conducted several presentations about the Egyptian culture.
- : Development Traineeship with AIESEC Malaysia for 6 weeks (from Jan. till Mar. 2011):
 - Conducted awareness presentations about "HIV/Aids" in different universities and schools in Kuala Lumpur.
 - Assisted in teaching ASD children in:
 - Early intervention Class (Age 3 to 6).
 - Primary Special Class (Age 7 to 12).
 - Pre-Vocational Class (Age 13 to 21).
 - Conducted several presentations of the Egyptian culture.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : Jul./Aug. 2012 (during education)
- Employer** : Expedia Canada
- Job title** : Sales Representative
- Job Description** :
- Booking flight tickets, hotels, cars and vacation packages to travelers.
 - Providing travelers with useful information such as flight tickets and room cancelation policies.
 - Recommending best offers and cross selling travel packages and cars rental.
 - Issuing online payments with credit cards and keeping our clients payment info secure.

Skills:

- Basic understanding of condition monitoring technologies available for condition based maintenance, identify strategies in maintaining plant equipment with condition monitoring to potentially extend the life cycle of equipment through condition based monitoring (Achieved grade A in condition monitoring, masters level course).
- Good understanding of concepts and characteristics of instrumentation systems, signal conditioning, transducers and output devices. Good knowledge on control theories, mathematical modelling of dynamic systems, time response, control action, stability analysis, frequency response and design of control system.
- Very good command of numerical control programming for mechanical design, CAD/CAM.

- Very good with mechanical design software, Attended Solid Work Essentials course in CAD/CAM CIM Cairo.
- Very good in dealing with customers and clients.