

Holds a B. Sc. and a Diploma in Mechatronics Engineering and has about 2 years hands-on experience working in his field of education.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 08/08/1991  
Gender : Male  
Marital Status : Single  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Mechatronics Engineering, Arab Academy for Science and Technology and Maritime Transport (AASTMT), 2013  
: Diploma in Mechatronics Engineering, Arab Academy for Science and Technology and Maritime Transport (AASTMT), 2015  
: Studying for Master degree in Mechatronics Engineering, Arab Academy for Science and Technology and Maritime Transport (AASTMT), from 2015 till now

## **LANGUAGES**

Arabic : Native Language  
English : Very Good  
German : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: Mikroc  
: Matlab  
: PLC ladder diagram  
: Labview  
: Classic Control  
: Autodesk Inventor  
: Automation Studio  
: Solid Edge 3D mechanical drawing  
: Proteus simulation  
: Flow code program  
: AutoCAD 2D & 3D  
: Adobe Photoshop

- : Circuit wizard PCB design
- : C language
- : Arduino microcontroller
- : Assembly language (machine code)
- : AVR microcontroller
- : Robotics
- : Electronics
- : IP cameras

## TRAINING COURSES AND CERTIFICATIONS

- : Micro Controller (1-2) courses at Jeilecom (Aug. 2012).
- : Micro controller course at Cases Cairo University (Feb. 2013).
- : Attended a workshop in Jeilecom for timers and interrupt.
- : HR course from Arab Academy for Science and Technology and Maritime Transport.
- : MATLAB essential from ISI (Information System Institute).
- : Arduino course control in ISI (Information System Institute).
- : Classic Control Course from Mega Academy.
- : PLC Course Level 1 from Mega Academy.
- : Boilers and Maintenance of Boilers course from Memphis Pharmaceutical Company.
- : Pumps & types of pumps course from Memphis Pharmaceutical Company.
- : Safety course from Memphis Pharmaceutical Company.
- : Water treatment and different types of water from Memphis Pharmaceutical Company.
- : Boilers and Maintenance of Boilers el maragel el bokhareya course from Arab Mechanical Engineers Union.
- : Lifts and design of lifts (OTIS Company) course from Arab Mechanical Engineers Union.
- : Advance Water treatment from Memphis Pharmaceutical Company.
- : Score in TOEFL (530) from Arab Academy for Science and Technology and Maritime Transport (AASTMT).
- : ICDL
- : Training at Egypt Air, Cairo Airport (Jul. 2012): I had worked during the training of different types of planes and the theory of flight and different of mechanical systems found in planes, Pneumatic systems and Hydraulic systems in the planes, Ignition Systems and Aerodynamics and balancing, landing gear.
- : Attended training in HVAC and plumbing systems in site Dr. Yassen Abdel Ghafaar Hospital (Jun. 2013).
- : Competitions in the ACADEMY remotely operated vehicle (ROV), Cairo (Jul. 2013): Knowing different types of robots as the graduation project (WMR) and its electrical control and mechanical design and wireless system control and cameras system for security IP cameras with its mechanical design for stresses.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Apr. 2015 till now  
**Employer** : Arab Drug Company (ADCO)  
**Job title** : Mechatronics Engineer  
**Job Description** : Responsible of (Deionized Water Treatment Station, Compressors Station, Boiler Station, 12 Lifts).

**Dates** : From Jan. 2015 till now (part time)  
**Employer** : Pro-Idea Egypt, Cairo  
**Job title** : Hardware Engineer  
**Job Description** : Responsible of hardware systems as (Security cameras, finger print devices, Smart board system, call center systems).

**Dates** : In Mar. 2015  
**Employer** : OVERSEAS Company for lifts design, Cairo

**Dates** : From Jan. 2014 till Mar. 2015  
**Project** : Military Service