

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

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male

## **EDUCATION**

: B. Sc. in Mechatronics Engineering, German University in Cairo (GUC)  
: Secondary Education: Saint Fatima, 2012

## **LANGUAGES**

Arabic : Native Language  
English : Fluent  
German : Good  
French : Basics

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: Java (Socket Programming) - C++ (OpenGL) - Python - MATLAB  
: EMAX - AutoCAD - Solid Works

## **TRAINING COURSES AND CERTIFICATIONS**

: Skills courses:

- Communication and presentation skills.
- Research writing.
- DISC Analysis.
- Ethics.
- Project management course.

: Technical courses:

- Object Oriented Programming.
- Digital System Design.
- Mechatronics.
- Industrial Automation.
- Manufacturing Technology.
- Pneumatic & Hydraulic Control.
- Autonomous Systems.
- Electro-hydraulics Simulation and Control.
- Pneumatics and Hydraulics Control.

- : ISLC media workshop (2015/2016).
- : Internships at:
  - Cleopatra Ceramic.
  - Al Amal Group (BYD).
- : ICDL

## CHRONOLOGICAL EXPERIENCE RECORD

- Employer** : IPSG Company  
**Job title** : Project Coordinator

### Projects (during education):

- Java OOP - Game Project: Creating a game using Java including a GUI.
- Automatic Cashier: Automatic Cashier that calculate the products price and sorting products according to their size.
- Dancing Fountain: A model was built with sensors and motors.
- Lifeguard Drone: An Autonomous drone that used on beaches as a lifeguard, it tosses a float to drowning people and detects them using visual servoing techniques.