

Holds a B. Sc. in Mechatronics Engineering and has about 2 years experience working in maintenance field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/04/1993
Gender : Male
Marital Status : Single
Residence : Cairo

EDUCATION

: B. Sc. in Mechatronics Engineering, German University in Cairo (GUC), 2015
(Studied Abroad in Berlin: 5th semester in GUC Berlin campus (from Oct. 2012 till Jan. 2013) & Studied Abroad in Munich (Bachelor Thesis): "Coupling an Anthropomimetic robot to neuromorphic hardware" Thesis in Technical University in Munich (from Mar. till Jul. 2014))
: Secondary Education: Dar El Tarbiah, Zamalek, Cairo, 2010

LANGUAGES

Arabic : Native Language
English : Fluent
German : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: SAP
: Solid Works
: Matlab
: Oracle
: Programming languages: JAVA, C, Python, Assembly, Function block diagram
: CNC machine programming code
: Pspice
: Gazebo Robotics simulator
: VHDL language

TRAINING COURSES AND CERTIFICATIONS

- : Internship as Maintenance Engineer at Coca-Cola Company (Beverages Plant) (Jul. 2013):
 - Learned the production process of the beverages from pre-form stage to packaging.
 - How the maintenance works.
 - New production line was in the assembly process.
- : Internship as Maintenance Engineer at Petrogulf Company (Ras Gharib field) (Sep. 2012)

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2016 till now
- Employer** : Lafarge Cement, Ain Sokhna (Egypt)
- Job title** : Preventive Maintenance Engineer
- Job Description** :
 - Inspect the equipment condition and prepare work orders for the maintenance execution team.
 - Develop and release inspection job plans and routes.
 - Monitor and ensure the quality of the executed maintenance activities.
 - Lead a team of Electrical and Instrumentation technicians.
 - Coordinate between Planning and execution teams in major maintenance jobs.
 - Conduct deep RCA for repetitive failures from technical and statistical point of view.
 - Coordinate with the process team to validate the equipment efficiency in order to ensure sustainable operation parameters.

- Dates** : From Nov. 2015 till Nov. 2016
- Employer** : Lafarge Cement, Ain Sokhna (Egypt)
- Job Description** : Lafarge Headstart Graduates Program:
 - Three months rotation overall plant's departments.
 - Building foundation of cement industry course.
 - On job Training Rotation:
 - Automation and control department (2 months).
 - Instrumentation maintenance execution department (2 months).
 - Maintenance planning and material preparation department (2 months).
 - Program Evaluation Project:
 - Automatic switching between hydraulic pumps.
 - Soft Skills Workshops:
 - Time management, Change management, Problem solving & Decision making, Business writing, Entrepreneurship, Coaching, Emotional intelligence and Presentation skills.
 - Dale Carnegie Training: "How to win friends & influence people".

- Dates** : From Nov. 2015 till Jun. 2016 (part time)
- Employer** : ISTEM Center, Cairo (Egypt)
- Job title** : Robotics Instructor

- Job Description** :
- Deliver Robotics basics courses to children with different levels (Age 7-10 / 10-14).
 - Develop challenging exercises for children's course assessment.