

Holds a B. Sc. in Mechatronics Engineering and has over 1 year experience working in automation field.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : El-Mahalla El-Kubra

EDUCATION

: B. Sc. in Mechatronics Engineering, Mansoura University, 2022

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: EcoStruxure™ Geo SCADA Expert
: Alstom System Configurator RTU Editor
: Alstom Computer Maintenance Tool
: LUCY Gemini RTU Configurator
: eSetup Easergy Pro
: ModBus RTU
: IEC-60870-5
: VS Code
: IEC-61850
: Solid Works
: C Language

TRAINING COURSES AND CERTIFICATIONS

: Geo Scada e-learning.
: Learn SCADA from scratch, Udemy.
: Solid Works Professional, Mansoura University.
: Solid Works Essentials, Mansoura University.
: Embedded systems, Mansoura University.

- : Internship as Maintenance Engineer at Misr Spinning and Weaving (Aug./Sep. 2021):
 - Learned the principles of electricity generation.
 - Comprehend the principles of water treatment.
 - HVAC maintenance.
 - Understood the principles of combustion in engines.
- : Internship as MEP Engineer at Redcon Construction (Aug. 2021):
 - Undertook general project site observation/inspection of the mechanical and electrical services.
 - Learned the main principles of HVAC, firefighting and plumbing works.
- : Internship as Maintenance Engineer at Al-Rawabi Dairy Industries, Dubai (Jul. – Sep. 2019):
 - Identified mechanical and electrical problems and determined the best.
 - Frequently diagnosed mechanical problems and determined how to correct issues.
 - Examine machines frequently.
 - Installation of fresh juice machines.
 - Completed “7 habits for highly effective people” training.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2022 till now
- Employer** : Giza Systems
- Project** : Digital Control Center DCC Electrical distribution automation and monitoring systems for SCADA system using Alstom RTUs, Lucy RTUs, PM8000, Easergy P3 Protection Relays, and IEC104 – Alexandria, Egypt
- Job title** : Junior Automation Systems Engineer
- Job Description** :
- Upgraded firmware and configuration of GE RTUs and Lucy RTUs.
 - Dealt with different protocols (MODBUS, IEC104, IEC61850).
 - Linked database to RTUs.
 - Tested Substation, DPs, and KIOSKs with the customer and the consultant and finished SAT documentation.
 - Setup configuration for the routers, tested communication with control center and finished SAT documentation.
 - Troubleshoot different problems with RTUs and database.
 - Prepare and submit weekly reports to the project team leader.