

Career Objective:

A challenging job opportunity in the field of Electrical Engineering and interested in industrial Automation and machines that utilize academic background and my skills.

Educational Background:

fourth year, Faculty of Engineering, Cairo University, 2017 – 2022,

Major: Electrical department and machine, Grade: 3 years Excellent and one very good [expected grade is 85% from 100%]

Graduation project is about Automatic Filling System with quality control and remote control, sponsored by Schindler Electric and Egypt IOT challenge.

Extra Courses:

- 1- PLC programing for beginner in siemens and Delta and Schindler (online).
- 2- Introduction to the Internet of Things and Embedded Systems at University of California, Irvine and offered through Coursera.
- 3- Introduction to the internet of things at ITI platform.
- 4- HA consulting group (automation solution &electrical contracting) 5, Aug,2021 till 22, September 2021.
 - Classic control.
 - Siemen's plc basic programing.
 - Motor drive for induction motors
 - Sensors.
- 5- PLC advanced topics in YouTube
Communication setup and Interrupt and data tracing and dealing with analog in &out and Programing using FB and SCL.
- 6- HMI course on basic comfort panel with TIA introduced by WAICs companyfor automation and trading on Udemy.
- 7- HMI and SACADA System for brand Siemens, Shinder, delta, Allenbradly.
- 8- Distribution diploma(online) in YouTube.
- 9- Arduino and processing online (YouTube) and attended in (trim academy).
- 10- C, C++, python course online and on application sole learn.
- 11- ICDL online course in YouTube.
- 12- English course two level in the American English Channel.
- 13- Speak English Professionally: In Person, Online & On the Phone at Georgia Institute of Technology and offered through Coursera.
- 14- Link for all certifications:

<https://drive.google.com/drive/folders/1SSHgEv-q88dRM-82vr1GS08sDdVAhMR7?usp=sharing>

Work Experiences:

1-The Arab contractor (Osman AHMED Osman) 1septemper2019–12 September 2019.

- Basics of classic control and PLC.
- Design of low voltage grounding system.
- Some electrical constructs.

2-Company of north Cairo for production of electricity 6/9/2020–24/9/2020

- Classic control and plc to control machines.
- Protection system design
- Important specification of electrical machines.

3-Orascom company. From 12-Sep.-2021 to14-Sep.-2021

- OSHA 10 Hours Training: it is covered introduction to OSHA, Hazard Identification and Risk Assessment.
-

Internship Experience:

Dar Al-Handasah (Cairo) for design and technical consultancies-limited. 11/7/2021 till11/8/2021.

- Design activities of Electrical system including electrical distribution networks, overhead transmission line, renewable energy sources, electrical load calculation, indoor &outdoor lighting installations including software applications in design works, earthing and lightning protection systems and vertical transportation system.
 - I worked on real project “AlHaramain presidency building” including all electrical distribution design.
-

Extracurricular Activities:

Technical center for career development Hold on May 2019.

- First place for participation by a research project for mathematics.
 - It represents communication system using graph theory.
-

Skills

Computer Skills:

- Very good user of Windows, Word, PowerPoint, Excel 2010.
- Good user of Access.
- Good surfing skills on the Internet

Language Skills:

Good command of English both written and spoken.

Arabic: native speaker.

General Skills:

- Time management.
 - Work under stress.
 - Communication skills.
 - Self-learning.
-

Interests&Hobbies:

- Reading & Practicing Sport.
- surfing on the Internet.