

Alzhraa Atef Abdelfattah Abd Rabou



- ✓ Teaching Assistant (TA) at Electrical Engineering Department, Egyptian Academy for Engineering and Advanced Technology.
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Job Objective:

Seeking a position where I can collect between my academic knowledge and industrial life, gaining a higher experience that would develop my knowledge and my technical skills in a higher professional environment.

Personal Data:

- **Name/** Alzhraa Atef Abdelfattah Abd-Rabou
- **Date of Birth/** 14 – 05 – 1995
- **Marital Status/** Single
- **Religion/** Muslim
- **Nationality/** Egyptian
- **Address/** Nozha city, Gesr elswes

Scientific Information's:

1. Start Master research in Artificial Intelligent control (from 2020 until now)
2. Pre-master in power system at Faculty of Engineering Shoubra Banha University department (From 2018 to 2019)
3. Bachelor of Science (B.Sc.) in Electrical Engineering (Electrical Power and Machines Engineering), Faculty of Engineering at Shoubra, Benha University, May – 2018 with overall grade excellent with honors degree (GPA=86.2%) and ranking of Sixth over the class.
4. Graduation Project: Design of electrical feeding system for smart city and KNX system home automation with practical kit (Schneider Co. sponsorship).

Work Experience:

1. Teaching Assistant (TA) in Electrical Department, Egyptian Academy for Engineering and Advanced Technology (EAE&AT), Egypt.

Internships Experience:

- Dar Al-Handasah : Electrical Department (design of low voltage distribution for Administrative building)
- Schneider sponsorship that has been granted Schneider Electric Graduation Project sponsorship in KNX system
- EL NASR TRANSFORMERS & ELECTRICAL PRODUCTS (ELMACO Co.)
- Shoubra El-kheima Power Generation Station
- Summer training in the faculty of engineering at Shoubra (PLC and Classic control)

Certifications/Technologies:

- Certified Power system distribution I (Aug 2017)
- Certified power system distribution II (Feb 2018)
- Certified Electrical distribution project_autocade I (18 hours)
- Certified Electrical distribution project_autocade II (45 hours)
- Certified Solar cell Technology and Applications (from 21/7/2019 to 28/7/2019)
- Certified Solar Energy (from 20/1/2018 to 1/2/2018)
- Certified KNX Home Automation (from Nov 2017 to Des 2018)
- Certified Automation Systems (2019)
 - Classic Control (from 21/6/2019 to 5/7/2019)
 - PLC Basic programming (from 5/7/2019 to 19/7/2019)
 - Electric Motor & Drive programming (from 19/7/2019 to 2/8/2019)
- Certified Automation Systems (from 1/8/2018 to 1/11/2018)
 - Classic Control
 - Programmable Logic Control Basic (PLC)
 - Programmable Logic Control advanced
 - Motor Drive
- Matlab onramp Mathwork online course (30/6/2020)
- Design and production courses on moodle (17/9/2019)

Languages:

- Arabic and English: Very good writing, reading and speaking.

Computer Skills:

- Excellent experiences with different work systems Office (Word, Excel, Power point) and some internet abilities.
- Computer programs: Excellent in MATLAB, PLC ladder, ETS, inside control builder, Multisim, AutoCAD, Dialux, very good in sketch up, pvsol and protous.

Teaching skills:

- Taught three courses for Mechanical (Mechatronics) Engineering Department included "Electrical Machines, Electronics (1) and power electronics". In addition, four courses for Electrical Engineering Department like; "Control Systems, Digital circuit design, Signals and Systems and Matlab programming".