

1. Name: Esraa Mohamed El-Said Shalby, Demonstrator, Department of Electrical Power and Machines Engineering, Higher Institute of Engineering, Elshorouk Academy

2. Degrees:

- B.S. (Electrical Power and Machines Engineering) Kafr El-Shaikh University, Kafr El-Shaikh, Egypt. (2017-2022)

Grade: Very good with honor (83.47%)

My ranking in college: 3rd of rank in the department of Electrical Power and Machines.

Graduation project's title: Killing Corona Virus Using Corona Discharge.

Graduation project's grade: Excellent (100%)

- M.S. (Electrical Power and Machines Engineering) Ain Shams University, Cairo, Egypt. (2022-present)

Thesis title: IoT Technology-Based Protection Scheme for Distribution Networks Using Support Vector Machine.

3. Years of Service on Faculty: 2

- 10/2022 - present, Demonstrator.

4. Other Experience:

- ABB Summer Externship (Aug 2022)
Successfully completed 140 online training modules on ABB myLearning platform. After being accepted, I was lucky to visit ABB factory and take 4 weeks of virtual training in the following topics: Electrical projects, electrical vehicles, motors, drives and process automation.
- Electrical Distribution Diploma, Electrical Engineer Experts (Jul 2022 - Oct 2022)
- Schneider Electric Global Student Experience - Services Track (Jun 2022 - Aug 2022)
At the end of the training, I made a video about "Access to Energy - Consulting Services".
- Energy University Program, Schneider Electric (Aug 2021)
Successfully completed 226 technical courses on Energy University site. After being accepted, I was lucky to take 2 weeks of virtual training (60 Training hours) in the following topics: Medium voltage, power quality, LV neutral earthing system, low voltage switchgears, motors, drives, industrial automation and KNX. At the end of the training, I was one of the top 75 winners of Energy University Program.
- Energy: Conventional Energy and Renewable Energies, Siemens Energy (Feb 2021)
This training includes knowledge about both traditional & state-of-the-art technologies in renewables and conventional power plants.
- Brullus Stations (Ministry of Irrigation and Water Resources) (Sep 2020 - Oct 2020)
- El-Mahmoudeya Electricity Station (Middle Delta Electricity Production Co.)(Aug2019 - Sep2019)

5. Consulting Activities (selected)

6. States in which registered:

- Cairo, Egypt.

7. Principal publications of last 5 years (selected):

- Not yet published

8. Scientific and professional societies of which a member

- Not currently a member of any societies.

9. Honors and awards:

- “Smart Home (IoT)” competition (1st place), Kafr El-Shaikh University, Kafr El-Shaikh, Egypt. (2019)
- “Microprocessor Design” competition (1st place), Kafr El-Shaikh University, Kafr El-Shaikh, Egypt. (2018)
- “Maze Robot” competition (2nd place), Kafr El-Shaikh University, Kafr El-Shaikh, Egypt. (2017)

10. Institutional & professional service in last 5 years:

- Teaching Assistant, Department of Electrical Power and Machines , Higher Institute of Engineering, Elshorouk Academy, Elshorouk city, Cairo, Egypt.

11. Professional Development Activities in the last 5 years:

- Attend training on “Effective teaching skills” , Higher Institute of Engineering, Elshorouk Academy ,Elshorouk city, Cairo, Egypt. (2023)
- TOFET certificate, Ain Shams University, Cairo, Egypt. (2023)
- Attend training on “Scholarly publishing in indexed journals for MSc. Students”, Ain Shams University, Cairo, Egypt. (2023)
- Attend training on “Scientific Writing for MSc Students”, Ain Shams University, Cairo, Egypt. (2023)
- Attend training on “Scientific Research Writing”, Cairo University, Cairo, Egypt. (2022)