

Mirna Sameh Tawfik Henin

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Profile

Fresh graduate electrical engineer looking for a challenging opportunity in my field where my abilities and skills can be developed, and knowledge applied. Having earlier experience in electrical distribution systems and looking forward to being specialized in lighting field.

Education

Bachelor's degree in Electrical Power and Machines Engineering from El-Shorouk Academy
May 2023

Cumulative Grade: Excellent with honors (85%)

Ranked: First place.

Graduation Project: Smart electrical installation systems for educational buildings in EL Shorouk Academy

Phase1: Electrical distribution design to the building.

Phase2: Replace old lighting design to new design which satisfies power saving conditions in LEED certificate.

Phase3: Design PV system to feed the building. and KNX to control lighting, Shatter, HVAC

Grade: Excellent

High School Certificate, Al-Kuwait Al-Ahlya Modern School (MCS)

May 2018

Grade: Excellent (98.8%)

Offline Course

- **Eduvate Professional diploma**

(Jul 2022- Oct 2022)

These diploma sessions include:

- Concept design (Load estimation, MV and LV switchgear, Bulk Equipment, SLD, Space Program)
- Schematic design (Lighting, Small Power, Cable Routing , Earthing and lightning)
- Detailed design(Panel Schedule, Cable Sizing, VD & SC Calculation, Detailed SLD)
- Introduction to technical office
- Introduction to infrastructure and how to be smart.
- Introduction to KNX
- Green Building and Smart System (LEED)

Projects:

- Project: Design of a University by using AutoCAD.

- Mid Project: Design of Healthcare Hospital by using AutoCAD.
- Final Project: Design of Villa by using REVIT.

Externship / Internships

MAM For Engineering Industries

(25-28 Jul 2023)

- 1- Day1: Circuit breakers, Protection and switching devices.
- 2- Day2: Power Factor Correction, Control Circuit
- 3- Day3: Panels Specs

ABB Summer externship

(7-31 Aug 2022)

- 1- 70 online training modules (28 training hours)
- 2- 8 interactive sessions

North Cairo Production Company

(Sep 2021- Oct 2021)

- Program in field of electrical machines and protection devices
- One day visit to Shubra EL-Khaimah Power Plant

Summer Training in El-Shorouk Academy

(Aug 2021- Sep 2021)

- Program in Electrical Installation and Classic Control

Extracurricular activities

Financial Relations Head

ADD+ Egypt

(Oct 2022-jul 2023)

- Get a sponsors
- Make deals
- Negotiate

Research and Organization development Head

ADD+ Egypt

(Oct 2021-jul 2022)

- Make a Plan
- Give feedback and reports about work
- Coordinate with other teams

Research and Organization development Team Member

ADD+ Egypt

(Oct 2020-jul 2021)

Non-Technical Team Member

IEEE EL-Shorouk Academy

(Oct 2020-jul 2021)

- Instructor
- Learning soft skills
- Support other members

Skills

Languages skills

Arabic (Mother tongue)
English (Very good)

Computer skills

AutoCAD
ETAP
Dialux evo
Microsoft Office

Soft skills

Leadership
Organization
Communication
Ability to convey technical information to others