



Kareem Osama Abdel Hakeim

Contact

Date of Birth:

9/16/1999

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Languages

Arabic

English

German

Education

Faculty of engineering
electrical power department,
Cairo university.

Graduation year: 2022

Total grade: B+

Profile

Electrical Power Engineering student in Cairo university specializing in Control, High voltage and Electrical distribution. Hardworking and ambitious who is always trying to find the best solution and achieving the best result. I'm also very good at programming.

Skills

- MATLAB
- Tia Portal
- Arduino IDE
- AutoCAD
- Dialux
- OpenCV
- Revit
- Android Studio
- M.S Office
- Visual Studio
- Somachine expert
- Node-red
- Image processing
- Etap

Professional Skills & courses

Industrial Automation:

- Plc (Siemens , Schneider)
- HMI (Siemens , Schneider)
- Scada
- Factory I/O and Connecting it to the PLC
- Sensors and Actuators

Programing languages:

- Java
- C++
- Python
- HTML
- Css
- Javascript
- Ladder and FBD programing

distribution program (from eduvate ,5th ranked with 93% overall):

- Load Estimation
- Space program
- Bulk Equipment Sizing
- MV Switch Gears
- LV switch Gears
- Lighting Design
- Small power Design

Professional Skills & courses

- Cable Sizing
- Voltage drop and short circuit calculations
- MEP coordination
- Green Building
- Earthing and Lightning Protection systems

Image Processing:

- Object Detection
- Image Classifier
- Face Recognition
- Face Detection
- Object Tracing

Student Activities

Participation by a research project (GPS android application)

In the 4th Undergraduate Engineering Mathematics Forum organized by Technical center.

Training

Electrical safety and transmission line maintenance from NTC south Cairo 3 weeks training (70 hours).

Graduation Project

smart industrial production line 4.0 . this project is sponsored by Schneider electric.:

- Filling and Rejection System
- Capping System
- Project Quality control system
- Packing System
- Monitoring with HMI and Scada
- AI for Image processing

