



# AHMED NASR ELDIEN MOHAMED

ELECTRICAL POWER & CONTROL ENGINEER

## PROFILE

Electrical Engineer graduate and TA at Benha University with exceptional problem solving and troubleshooting skills seeking a position in which these skills can be utilized to their potential and enhanced for the betterment of the company.

## PERSONAL INFORMATION

DATE OF BIRTH :  
30/09/1996

MARITAL STATUS :  
Married

## CONTACT

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Msged Al-Khidr Village, Al-Bajour,  
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## HOBBIES

Electronics  
Tutoring (Educational videos)  
Problem solving  
Digital design  
3D Modeling  
3D Printing  
Reading and Learning

## EDUCATION

**Bachelor's degree in Electrical Power and Control Engineering**  
2019  
Graduated top on class with excellent grading (Cumulative 94.2%)  
Faculty of Engineering,  
Benha University  
**Currently on M.Sc. degree**

## WORK EXPERIENCE

**TA at Benha University / Faculty of Engineering**  
2019– Until now

**Freelancer**  
2014–Until now  
Worked as a freelancer in multiple fields such: Programming – Graphical design – Electrical design – Photography – Translation – Content writing – Content making on YouTube – Electrician – PCB design and implementation.

**Training**

- Elaraby Group Qalubia.
- Petrogas Egypt.
- Egymac Company.

**Graduation project**  
Design, Simulation, and Implementation of a Small Scale Microgrid (Full mark)

## SKILLS

I always seek great and variant skills in many fields with high mastering degree, some of my skills are:

**Industrial Automation**  
Industrial automation systems design and implementation and SCADA Systems.

**Power Electronics**  
Design, implementation and maintenance of power electronics projects such as UPS and inverters.

**Embedded Systems**  
High level programming, Design, and implementation of Embedded Systems

**Software**  
Office ( Word, Excel and PowerPoint) – MATLAB – Fusion 360 – COMSOL – Simatic Manager and Wincc – Graphic design software (ex: Photoshop) – ETAP – PROTUS

**Data Analysis**  
The use of variant tools and programming ( MATLAB, Python and Excel) and mathematics (Statistics, fuzzy systems and neural networks) to acquire and analyze data for better judgment of design .