

# MOHAMED NUMAIR

# Researcher Entrepreneur Energy Engineer

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www.MohamedNumair.cf

CONTACT

### **OBJECTIVE**

Energetic, ambitious person who has developed a mature and responsible approach to any task I undertake, or situation I am presented with, capable of working with teams to achieve certain objective on time and with excellence, motivated and self-confident. I want to be part of the success in an environment of growth and excellence, where I can be part of guaranteeing a better future for the world, we all live in, through advances in both Energy & Health sectors which I can work viciously for.



## LANGUAGES

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Arabic : Native English : Fluent Chinese : Basics

#### **SKILLS**

#### **EDUCATION**

BSc in Electrical Power & Machines Engineering – Faculty of Engineering, Tanta University 2014-2019

Graduated with a grade: Excellent with Honors, Ranking 5<sup>th</sup> of my class.

My project was on "Renewable Energy Systems", grade: Excellent

MSc in Electrical Power & Machines Engineering – Faculty of Engineering, Tanta University 2014-Now

Still on preparing semesters

#### **EXPERIENCE**

Researcher – HVSC lab, Faculty of Engineering, Tanta University

Sept. 2019-Now

I'm currently working with a research team on an Energy related project, in the High Voltage and Super Conductivity lab, just as to help me accelerate my master's degree.

Trainee - EgyptAir

Jul. 2018

I have been an intern for Egypt air for a month learnt a lot about air planes in general and specially about avionics maintenance and was introduces to the control systems used inside an aero plane and was introduces into the steps to be taken to be an airplane maintenance engineer.

Online Trainee - Schneider Energy University

March. 2018

I have taken over 30 online courses provided by Schneider's Energy University website

Intern-Abu-Qir Power Plant

Jul. 2017

I have attended a summer training program for the month of July at Abu-Qir Power Plant, where I have learnt a lot about power generation process, both the mechanical part of the plant and the electrical part, and how all of that process is monitored and controlled using SCADA

Full Diploma and Practical Experience – Solar Energy Systems 2015-2019

I have attended a solar energy diploma, and multiple sessions which qualifies me to design and build a full PV system, on-grid or off-gird.

More on www.MohamedNumair.cf

#### Technical Skills:

- Solar Energy Expert
- o Energy Management
- o BMS Engineering
- Home Automation
- MicrogridsManagement
- Embedded Systems
- o PLC & SCADA
- Web Development
- Android Development

#### **Computer Skills**

- o MS Office
- C++ Language
- VB.NET Language
- o MATLAB
- o PSCAD
- AutoCAD
- o ArtCAM
- > Photoshop
- > Premiere & AfterEffects
- Proteus

#### Soft Skills:

As I have participated in student activities and volunteering activities, I have developed

- Team working skills.
- Presentation skills.
- Leadership skills.
- o Communication skills.

#### Certificates:

- WIPO: General course of intellectual property in Egypt. (Funded by ASRT).
- MITx: Becoming an Entrepreneur. (Funded by TIEC on edx)
- ITIDA: TIEC capacity building program for universities (InnovEgypt).
- Intel: ideation Workshop.