



DOB: 05/08/1992 | Sex: Male  
Nationality: Lebanese

# YEHYA RIFAI

Ph.D. Researcher

MSc. in Electrical Eng. in Smart Grids & Building

B.E Power & Machines

## PERSONEL DETAIL

89 Berrua street, 64210  
Bidart, Nouvelle-Aquitaine,  
France.

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## CERTIFICATE

- proficiency of Home Automation
- electrical installation  
"from order of engineers of  
Tripoli-Lebanon"

## LANGUAGES

- Arabic(native language)
- English (proficiency)
- French (B2)

## SOFTWARE

- Matlab, Autocad
- Python, C++ , Java
- Mathcad, PSIM
- MS office, Ecodial
- SCADA, DCS, Dialux
- EC-Lab, Homer, Etap

## SKILLS

- Communication skills
- Time management skills
- Leadership & teamwork

## Hobbies

- Sports (football, swimming, skiing)
- Reading, Travelling

## EDUCATION

- 09/2020- Present Ph.D. Student in Electrical Engineering  
Proactive Energy Management of Micro-Grid for Energy Efficiency in Industrial Sites  
Estia, Institute of Technology | University of Bordeaux SPI, France
- 2016-2018 MSc. 2 in Electrical Engineering for Smart Grid and building  
ENSE3, Institut polytechnique de Grenoble, France
- 2010-2015 B.E. (5 years) Bachelor of Engineering in Electrical Power and Machine  
Beirut Arab University BAU, Tripoli-Lebanon

## EXPERIENCE

### Work

- 02/2019-09/2020 Middle East Power MEP, Zouk-Lebanon  
**Role: Electrical Site Engineer**
  - Maintenance and Operation of thermal power plant
- 11/2015-04/2016 E. Solutions. Electrical & Mechanical Eng. Tripoli-Lebanon  
**Role: Electrical Engineer**
  - Shop-drawing ( low-voltage, low- current, CCTV cable tray, fire alarm)
  - Site Inspection and Supervision

### Intern

- 03-08/2018 G2ELab. (Research Internship).Grenoble-France  
**Topic: Voltage Stability of DC Microgrids**
  - Modelling of DC microgrid for voltage stability
  - Classical control of DC microgrid with a high level of uncertainties.
  - Energy Management System based on frequency control approach
- 06-08/2017 G2ELab-lepmi lab ( in collaboration with Enerstone). Grenoble-France
  - Comparing two BMS on Panasonic li-ion battery / Second Life Battery
  - Involved in the conference week of Chamrousse Smart resort relying 100% on renewable energy in Collaboration with "InnoEnergy".
- 09-11/2015 Bounyan, PNC (Power and Control). Tripoli-Lebanon
  - Distribution Panel (Main switchboards, Main- Sub panels boards )
  - MCC Panels (Motor control Centers).
  - Intelligent System (PLC, BMS.).
- 01-02/2015 DEIR AMAR Power Plant. Akkar- Lebanon
  - Explore the concept of combined cycle power plant
  - Overview of substation and Electrical Distribution of Power Grid.
- 07-09/2013 SUKRU UZUN Engineering and Construction. Tripoli-Lebanon
- 07-09/2012 TECHNOGROUP Electrical Engineering. Tripoli-Lebanon

REFERENCE AVAILABLE  
ON REQUEST