

Yasmine Youhanna Adib

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EDUCATION

Bachelor of Electrical Energy Engineering, June 2017

Cairo University, Faculty of Engineering (Credit Hours System), Giza, Egypt

Cumulative GPA: 3.93 (Class Rank: 3rd)

IGCSE, Dar El Tarbiah IGCSE School, June 2012

Preparatory Certificate, Collège de la Mère de Dieu, June 2009

SIGNIFICANT PROJECTS

Graduation Project: “Hybrid Micro-grid Operation and Control for Telecommunication Sites” (June 2017)

The objective of the project is to maximize the penetration level of renewable energy sources and energy storage maintaining reliable operation of the system.

Technical Reports:

- The Development of Renewable Energy in Egypt (December 2013)
- Demand side management strategies in UK (December 2016)

Technical Presentations:

- Piezoelectric Energy Harvesting (December 2015)
- Energy Efficiency in Lighting and Motors Applications (December 2016)

PROFESSIONAL EXPERIENCE

Schneider Electric Badr Plant – Electrical Design Engineer (Present- November 2017)

- Issuing shop drawings according to customer's SLD and specifications
- Create electrical bill of materials at minimal cost
- Troubleshoot assistance to workshop problems

Regional Center of Renewable Energy and Energy Efficiency (RCREEE) (July 2017)

- Translated TaqaWay website (Sustainable Energy Knowledge Portal) from English to French
- Attended a training in the testing labs in New and Renewable Energy Authority (NREA)

PROFESSIONAL TRAINING

Schneider Electric - Energy University Championship (August 2017)

- Understood MV switchgear, LV switchboard, power factor correction, and building automation
- Won 2nd prize in Energy University Championship 2017

Engineering Consultants Group (ECG) - University To Work, Round 8 (UTW 8) (Summer 2016)

- Designed indoor and outdoor lighting systems and power systems
- Designed PV system and studied smart control using KNX
- Designed earthing and lightning systems
- Visited Schneider Electric and performed circuit breaker and power factor correction experiments
- Visited 3-Brothers for lighting and took session about LED technology
- Ranked the 10th best member in UTW 8 Electrical Program

Dar Al-Handasah Consultants – Smart Village – Egypt (July 2016)

- Designed indoor and outdoor lighting systems and power systems
- Applied acquired knowledge on an existing project in KSA

ABB Technical Program (September 2015)

- Took sessions about ABB products and managerial divisions
- Took factory tours in different ABB workstations

Automatic Control Lab - Faculty of Engineering - Cairo University (August 2015)

- Studied robot types and applications
- Programmed Mitsubishi Industrial Robot arm fixed on FESTO assembly line MPS® 202

West Cairo Power Station - Cairo - Egypt (July 2015)

- Took sessions about different systems in the station
- Took factory tours in the different electrical and mechanical sections in the generation station

Orascom Construction Industries - Tendering Department - Cairo - Egypt (July 2014)

- Performed quantity surveying for lighting drawings, feeder data schedules, panel boards schedules
- Extracted a comparison sheet from specifications
- Decided the best supplier offer according to price and compliance with the specifications
- Revised existing BOQ against the requirements documents

CERTIFICATIONS

- **Energy University online courses** - Schneider Electric
- **Schneider Automation Diploma** (Automatic Control & PLC Basic & SCADA) (February 2015)
- **National Instruments Training** (LabVIEW) (February 2015)

SKILLS

Languages: Arabic, French (Good fluency), English (Good fluency, IELTS score= 7.0), German (Beginner)

Programming Languages: Matlab, Visual Basic C++, Assembly, LabVIEW, mikroC for PIC, Arduino,
Software

- *Distribution Systems design:* AutoCAD, Revit, Dialux, Dialux Evo, Etap, Ecodial
- *Simulation packages:* Simulink, Multisim, OrCAD
- *Schneider Electric PLC and SCADA:* Unity Pro, Vijeo Citect

EXTRACURRICULAR ACTIVITIES

- **Member of the Egyptian Delegation in the World Festival of Youth and Students -Sochi- Russia** (October 2017)
- **Power club moderator at IEEE - CUSB** (September 2015 – August 2016)
- **Coaching member at IEEE - CUSB** (September 2014 – August 2015)
- **InnovEgypt Program including Intel Ideation camp** (August 2014)
- **Injaz innovation camp** (Feb 2014)

SCHOLARSHIPS AND AWARDS

- Academic scholarship, Electrical Energy Engineering Program, Faculty of Engineering, Cairo University (2012-2017)
- Top in Cairo for Cambridge Foreign language French (June 2010)