Mohammad Wasfi El-Sayyed

Personal Information

Address:	Tyre – Lebanon
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Education

2014 - 2018   Bachelor in Electrical and Computer Engineering
American University of Beirut- Lebanon

Courses Studied in:
1. Power and Renewable Energy.
2. Control, instrumentation and Automation
3. Electronics
4. Programming and Networking
5. Accounting and Finance.

2011 - 2014   Lebanese Baccalaureates (Life Sciences)

Internship Experience

Jul, 2017 – Aug, 2017   **Electrical Engineer**
Benta Pharma Industries (BPI)

Duties:
- Supervised the cabling of a new chiller.
- Supervised the cabling of sensors for new building management system.
- Programmed Siemens PLC.

Jan, 2018 – Feb, 2018   **Electrical Engineer**
AGEC SARL – Lebanon

Duties:
- Supervised electrical installations for residential project (Saint-Jacques Project) at Borj Hamoud.

Computer Skills:

- Matlab, Arduino IDE, Labview, Homer Pro, Microsoft office tools, Orcad Pspice, C++, Proteus, MikroC, Mathematica, AutoCad, Java.

Academic Projects Accomplished:

1. **Project in Data Analysis and Modeling:** Used system identification tools to model robotic arm.
2. **Project in Automation:** Programmed OMRON PLC to control steam system.
3. **Project in Instrumentation:** Contributed in implementing automatic tea maker using Arduino.
4. **Project in Industrial Electrification:** Contributed in the design for the installation of motor pump for an artesian well.
5. **Project in Renewable Energy:** Contributed in life cycle analysis of a PV system for residential compound in Bchamoun.

6. **Project in Power System Protection:** contributed in designing protection system for bus-bars of the main sub-station.
7. **Project in Control Systems:** Used Matlab to design controller for a system.
8. **Project in Computer Networks:** Programmed an IOT system for car maintenance.
9. **Final Year Project**: Developed code for hierarchical and analytic design of electric circuits using Mathematica Software.

Clubs member:

- Former member in (IEEE club, Robotics club and Energy For All club)

Languages:

1. Arabic: Mother Tongue.
2. English: Fluent (Reading-Writing-Speaking)

Reference:

Available upon request.