

Rayan W. Hanna

Contact Information

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Languages

- English ★★★★★ Arabic ★★★★★
- French ★★★★★ Spanish ★

Skills

Computer Literacy

- MS Office & Google Apps
- Research & Report Writing
- PVSyst & HelioScope
- Primavera, @RISK & MATLAB
- Basic Programming & AutoCAD

Technical Knowledge

- Renewable Energy Consulting
- Sustainability Consulting
- Solar Estimation & Design
- Energy Auditing
- Project Management

Personal Competencies

- Fast Learner & Solution Oriented
- Self-Motivated & Positive Attitude
- Negotiation & Presentation
- Inclusive & Ethical
- Communication & Leadership

Professional Memberships

IEEE Lebanon Section

- Section Executive Committee
- Young Professionals Affinity Group

Association of Energy Engineers

- Lebanon Chapter in Development

References

 **Dr. Hassan Harajli**
Project Manager at UNDP-CEDRO
Email: hassan.harajli@undp.org

 **Dr. Imad El Hajj**
Chairperson at IEEE Lebanon Section
Email: imad.h.elhajj@ieee.org

 **Dr. Joseph Costantine**
Associate Professor at AUB
Email: jc14@aub.edu.lb

Objective

Seeking a challenging entry level job opportunity in energy consulting for facilities, plans or policies, as well as in the design and project management of power generation and renewable energy plants.

Education

From 01/14 to 05/17 **American University of Beirut** **- BE in Electrical Engineering**
• Track in Power and Control Systems
• Focus on Renewable Energy and Engineering Management
GPA: 3.0 / 4

From 09/15 to 02/18 **Coursera Verified Certificates** **- Certified Online Courses**
• Greening the Economy: Sustainable Cities (Feb 18)
• Energy 101: The Big Picture (Jan 18), Oil & Gas: Industry & Markets (Jan 18),
• Basics of Project Management (Sept 16), Effective Problem Solving (Sept 15)

From 09/01 to 06/13 **Grand Lycée Franco-Libanais** **- Baccalauréat Français**
• Research Project: Prevention & Prediction of Natural Disasters
Mention Bien

Work Experience

From 06/18 till 09/18 **United Nations Economic & Social Commission for Western Asia**
R.A. in Energy Section of Sustainable Development Policies Division
• Conduct research and assessment on the MENA and Southern Europe super grid project and its RE mix.
• Conduct research and assessment on the MENA renewable energy and energy efficiency policies.

From 04/18 till 06/18 **AUB - Issam Fares Institute for Public Policy & International Affairs**
Intern in Energy Policy & Security in the Middle East Program
• Conduct research and assessment on the deployment of a 3 GW solar PV and CSP potential in Lebanon.

From 09/17 to 03/18 **United Nations Development Programme - CEDRO Project**
Intern in Energy and Environment Programme
• Conduct walk through energy audit, study and develop technical and financial recommendation report.
• Research and study on designing solar PV plants with their technical and financial aspects.

From 06/17 to 08/17 **Cummins ME – Africa Middle East ABO**
Intern in Project Development & Implementation
• Develop online tool and recommendations for Cummins distributors across Africa & Middle East.
• Training on electrical and mechanical aspects and the de-rating calculations of Cummins generators.

From 06/16 to 08/16 **Schneider Electric – East Med**
Intern in Field Services
• Analyze projects' single line diagrams & prepare installed base action plan for retrofit strategy.

From 09/14 to 02/16 **AUB – Faculty of Engineering & Architecture**
Research Assistant (R.A.)
• Research & design of flexible antenna for specific biomedical application research.
• Design and implement full instrumentation system for soil moisture research and smart farming.

Community Service & Volunteering

From 10/16 to Present **IEEE Lebanon Section Committee**
National Student Representative
• Organize and plan national & international events (SYPL17, IEEE Day since 2015, MESYP17 ...).
• Mentor all 17 IEEE Lebanon student branches & increase membership by 31% YoY.
• Create new functional units within IEEE Lebanon such as student chapters and humanitarian activities.
• Granted Lebanon Section's most active young professional award for 2017-2018.

From 06/16 to 12/17 **Students for Sustainable Energy for All - AUB**
Project Manager of Light Up a Village 2.0
• Plan timeline, budget and breakdown of project. Organize, supervise and follow up with stakeholders.
• Study, fund, design, implement and inspect solar street lighting solution in El Manara, Beqaa.

From 09/13 to 09/14 **Lebanese Red Cross**
Emergency Medical Technician
• Rescue emergency response across Beirut areas. Patient assessment, basic life support and safe transport.