



## CURRICULUM VITAE

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### 1. Personal Data

Date of Birth: 11/07/1986  
Nationality: Jordanian

### 2. Education

- M.Sc. (Mechanical Engineering/ Renewable Energy) 2014, University of Jordan, Amman, Jordan
- B.Sc. (Mechanical Engineering/ Thermal Power) 2009, University of Jordan, Amman, Jordan

### 3. Employment

#### Academic Positions

- Lecturer at the Alternative Energy Technology Department, Al-Zaytoonah University of Jordan since September 2017.
- Teacher assistance / Lab supervisor at the Mechanical Engineering Department, Applied science university ASU since April 2011 until August 2015.



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### **Administrative Positions**

- Project Engineer (Site Manager) – TSK-Enviromena Power System JV, in Quweira 103MWp PV Power Plant, Jordan, (01/2017 – 9/2017).
- Project Engineer (Site Manager) – Firas Balasmeh Corporation for Control Systems (FB Group), 5 MWp photovoltaic system project; the Hashemite University & 3 MWp photovoltaic system project; Al-Hussein Bin Talal University AHU, Jordan, (01/2016 – 01/2017)
- Energy Engineer, Green light company, Jordan, (12/2014 – 01/2016).
- Procurement Engineer, Advanced Industries of Arabia (AIA) Company, Jordan, (11/2009 – 04/2011)

### **4. Research Interests**

- Concentrating Solar Power.
- Thermofluids.
- Engineering Applications.
- Energy.

### **5. Membership in Scientific Societies and Associations**

- Member in Jordan Engineer Association

### **6. Honors and Awards**

- Certified, eQUEST Energy Modeling from Green Academy in June 2015.
- Certified, Design of Mechanical Systems for Facilities from A+ Academy in January 2015.

### **9. Teaching Experience**

- *Undergraduate Courses*
  - Energy Management & Laws
  - Conventional Energy Resources
  - Simulation Lab & Modeling
  - Thermodynamic
  - Engineering Economy
  - Fluid Mechanics Laboratory
  - Engineering Workshops
  - Engineering Drawing
  - Dynamic and Vibration Laboratory
  - Thermodynamics Laboratory



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- Hybrid power Systems Workshop

## 10. Grants

- Training Project, Renewable energy production & energy efficiency, Sapienza University of Rome, Rome – Italy 2013.

## 11. Membership of Committees

- **University**
  - Member of Academic Advising Unit / Academic, Al-Zaytoonah University of Jordan since September 2017.
  - Member of executive committee for Quality Assurance / Academic, Al-Zaytoonah University of Jordan since January 2018.

## 12. Professional and Scientific Meetings

### *Scientific Meetings Organized*

- Member of the organization committee **Feasibility Study of Utilizing Photovoltaic System at Hotels and Residential Sectors in Jordan (GCREEDER 2013).**
- Member of the organization committee **Utilizing Photovoltaic System of 2MWp at the University of Jordan (GCREEDER 2013).**

## 13. Publications

- Mohammad A. Hamdan\* and Derar A. Almomani. “**Performance Study of : Domestic Boiler Fueled By Biodiesel Produced From Rapeseed**” Int. J. of Thermo & Environmental Engineering, Volume12, No. 2 (2016) 85-88.