

Wala' OMAR

Tulkarem, Palestine

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Personal Information:

Date of birth: 14-08-1990
Marital Status: Single
Nationality: Palestinian / French

Education:

2015 - 2016 **Master Degree in Ambiance and comfort for architecture and urban planning**
University of Bordeaux 1 and ENSAPBx, Bordeaux- France.
Mention: Very good
Dissertation: *Environmentally redesign of sportive center (Pole Nelson Paillou- Bordeaux – France)*
Create a new design from the old complex to ameliorate the energetic performance based on HQE code.

2008 - 2013 **Bachelor of Science in Building Engineering**
An-Najah National University, Faculty of Engineering, Nablus-Palestine.
Mention: Very good
Dissertation: *Energy Strategies for Buildings with Large Glazing Areas*
This project compares three types of building's façade in Palestine (traditional (stone), single skin façade, and double skin façade) in their energetic performance and cost

2007 - 2008 **Baccalaureat - Scientific stream**
Al-Adaweya Secondary Girls School, Tulkarem-Palestine.
Mention: Excellent

Professional Experience:

Jul. 2017 – till Now **Lecturer – Part time**
Palestine Technical University – Kadoorie, Tulkarem-Palestine

- Teaching the different courses in Building engineering department:
 - Courses of solar system in buildings
 - Courses of Water systems and sanitary installations in buildings
 - Courses of Specifications, Quantity Surveying and cost estimation
- Teaching courses of Building construction in the department of technological education.
- Teaching AutoCAD in the Department of continuous education

Aug. 2017 – till Now **Lecturer – Part time**
An Najah National University, Nablus-Palestine

- Supervising graduation projects (The students design or redesign a building from different engineering perspectives: architectural, environmental, structural, mechanical, electrical and cost analysis), the projects were:
 - Comfort amelioration for the Faculty of Fine Arts
 - Sustainable performance integration for businessmen forum building's
 - Ambience amelioration for AL-Rahma dispensary In Nablus

Mar. 2016 – Feb. 2017 **Energies Project Manager**
OVERDRIVE, Bordeaux – France

- Execution of thermal and lighting regulation studies and dynamics simulations (ventilation, heating, air conditioning, CFD).
- Estimation of the quantity of isolation and heating and cooling loads.
- Take part in the design and realizes 2D and 3D drawing.
- Preparation of plans and technical details for different projects.
- Analysis and dimensioning of lighting (Dialux expertise)
- Analyze technical offers and proposals

Sep. 2013 – Building Energy Engineer
May 2015 **ENGINEERS Consultants & Project Managers, Nablus - Palestine**

- Prepare plans and details (architectural and structural) for small houses projects
- Prepare technical offers and proposals
- Calculate the heating and cooling requirements
- Prepare time sheets and BoQ
- Contact and solve the problems with Engineers representatives
- Preparing the claims (the time and cost claims) and the variation orders (VO)

Feb. 2013 – Civil Engineer (Construction)
Aug. 2013 *Al Azzam General Contracting Company, Jenin - Palestine.*

- Calculate materials quantities needed.
- Preparing the shop drawing
- Site supervision
- Preparing the claims (the time and cost claims)
- Coordination and corporation with municipalities and relevant authorities before and during the works.

Jan. 2013 – Building Engineer
Feb. 2013 Middle East Office of Engineering and Construction, Tulkarem-Palestine.

Skills:

Language Native French, Native Arabic, Working knowledge of English.

Computer knowledge ECOTECT, MS Office, AutoCAD (2D, 3D), SAP2000, DIALux, Photoshop, Design Builder, DIAL+, Pleiades-Comfie, Acoubat, InDesign.

Additional Information

- Energetic Simulation by Design Builder for Master thesis (Eng. Majd ABDULHADI) **“Possibility of Developing Eco-Friendly Residential Buildings in the Palestinian Cities Research - A Case Study From Jenin and Ramallah Cities”**
- Energetic Simulation by Design Builder for Master thesis (Eng. Hijazi SHAHEEN)

Other Certificate:

- **Membership Certificate**, from Jordan Engineers Association, February 2013.
- **Seismic Design certificate**, from Earth Sciences and Seismic Engineering Center (ESSEC), An-Najah National University, May 2012.
- **SAP 2000 certificate**, from Engineers Without Borders (EWB), An-Najah National University, August 2012.