**Omar**

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**PERSONAL INFORMATION**

* Nationality: Lebanese
	+ Date of birth: : October 18 ,1990 (Lebanon)
* Gender and Marital status: male, single

**PERSONAL STATEMENT**

My respect for education and inclination towards applied science drove me to opt for math, physics and chemistry in my higher secondary education. After completing my high school, I felt that Engineering would be the area, which would give me the opportunity to learn and explore how the fundamentals of science are applied to create technology for practical and real purposes. Moreover, my innate strengths have always been creative abilities and the power of imagination; which made me take up a discipline that would allow me to channel them in the best possible way. Thus, Mechanical engineering was a direct consequence of my convictions. Subjects like Manufacturing Process, CAD, Metal cutting & Machine Tool Engineering, Machine Design, Industrial Management, Kinematics & Dynamics of Machines, Automotive Engineering, Applied Thermodynamics, HVAC systems, Pumps, Control Systems Engineering etc.., revealed to me limitless horizons in the field of Mechanical Engineering. My undergraduate study was a richly rewarding experience, during which I have participated in various Industrial training programs.

**OBJECTIVE**

Seeking for full-time position as a mechanical engineer interested in HVAC systems, plumbing, sanitary work-fire alarm system using my proven skills in developing control programs as well as controlling and implementing. I desire a career that provides the opportunity to effectively use my educational background to build a good experience that helps my future career in the Information field

**WORK &EXPERIENCE**

\* Worked (stage) in Farhat group, maintenance of organization of water, drilling and installation of water lines (1/5/2014-1/7/2014

\*Project about plumbing and firefighting systems

\* Working in plumbing, sanitary work-fire alarm system.

\* Experience in filling machines for Tetra Pak.

\* I worked in shop for car maintenance (the shop for my father) for two years.

\* Working in the power part maintenance turbines, electrical motor, fire system and compressors.

\* Attended Mechanical labs at university like Thermo and Fluid Labs, mechanics lab, Heat Transfer Lab.

\* Tutored more than six students and for different educational levels

\* Build up a machine and design it, like senior Project

\* Senior Project: Concentrated solar power (CSP) is done by creating steam using solar energy and passing it through a turbine. The most common modern technique to produce steam for electricity production.

\*Project about solar water heater systems.

\* I worked in shop of mechanical cars during summer vacations for three months.

\* I worked in shop of sale manager of sanitary tools and pumps at Abd El Mojeeb Ahmad for six months.

\* Master Thesis: Heat recovery for HVAC systems by using a heat pipe heat exchanger by using Ansys software.HVAC Systems types, heat recovery concept and benefits, and Ansys software principle of work are represented, in order to form the required background for simulating a heat pipe heat exchanger as a heat recovery for an HVAC system, based on several previous similar studies results that show the fuel consumption reduction while producing energy and save energy losses, spring 2016

**EDUCATION**

* Master degree M1 and M2 :( Mechanical Engineering), Lebanese International University 2014\_2016.
* BS (Mechanical Engineering), Lebanese International University (LIU) 2010\_2014.
* Baccalaureate in Life Science in Al-Odabaa High School 2008-2009

**QUALIFICATIONS& SKILLS**

* ***Languages***: \* Arabic (Mother Tongue)

 \* English (Fluent)

* ***Computers:***
* MS Office (Word, Excel, PowerPoint, Access)
* Type 50 word per minute
* Mat lab
* Hap software for HVAC
* Ansys software
* Auto Cad
* Solid works
* Related courses for BS
* Statics, Dynamics I & II, Material Science
* Mechanics of material I&II, Vibration
* Mechanical system
* Thermodynamics I
* Fluid Mechanics
* Heat Transfer
* Combustion
* Project Management,
* Senior Project (solar system)
* Related courses for M1 and M2
* Hydraulic and Pneumatic Systems
* Machine Design l & II
* Refrigeration & Air conditioning
* Pump technology
* Turbo machinery
* Mechanical Systems II
* Personal skills
* Ambitious, reliable and hardworking
* Flexible and active in working under pressure and meeting deadlines.
* Capable of logic thinking & problem solution
* Team player

***References, recommendation and Documents***: Available upon request.