

Hussein Hayel Shamiyi
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Education

Lebanese American University – Blat, Lebanon **2011-2015**
BE in Mechanical Engineering (with Honor)
Scholar enrolled under USP (A full merit scholarship funded by USAID)

Alkfeir Public High School – Hasbaya, Lebanon **2010-2011**
Lebanese Official Baccalaureate in General Sciences (Obtained with High Distinction)

Professional Experience

Intern at Orient Contracting Company (OCC), UAE **Jun-Sep 2016**
Worked as a professional mechanical engineer for 3 months-period post-graduation in infrastructure domain including chambers, manholes, pipes...

Intern at A.R Hourie Enterprises S.A.L., Beirut, Lebanon **Jul-Aug 2014**
Assisted and supported the company's mechanical engineers for both onsite and office works including HVAC, plumbing (drainage and water supply) and firefighting systems

Academic University Projects

Final Year Project: working on an improved exoskeleton for a paralyzed athlete
Full Design of the HVAC system of a computer lab using HAP software (Refrigeration and Air Conditioning Course)
Design and compare the performance of 4 types of home used heat exchangers using ANSYS Software (Thermal System Design Course)
Four bar linkage mechanism with potentiometer and sensors measurements (Manufacturing Processes, Instrumentation & Measurements, and Kinematics & Dynamics of Linkage Courses)
3D Design on CATIA V5 Software of Cessna 172 aircraft with stress analysis on wheels (Computer Aided Design Course)

Skills

Computer Skills:

CATIA V5, Microsoft Office, LABVIEW, AutoCAD, MATLAB, ANSYS, Lingo, JMP, Mathematica, SolidWorks

Language Skills:

Fluent in spoken and written English and Arabic

Interests & Activities:

- Member in ASME-LAU Student Section, District J (American Society of Mechanical Engineers), 2011- 2015
- Member in the Safety Awareness Club at LAU, 2013- 2015
- Volunteer Usher in the OARC 2012 (Open Arab Robotics Championship) and OCEAN 2013 and 2015 NGO fairs, at LAU- Outreach and civic engagement department
- Ushering in the orientation day of new students enrolled in LAU under the USP Program, Fall 2013
- Community-based project, tutoring students at Alkfeir Public High School in English
- Horse riding, running and mountain climbing

References are available upon request.