

Tarek Khalil

Lebanon • Beirut

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SUMMARY

To pursue a challenging and rewarding career in Consulting where proven decision-making, problem-solving, business analysis, and system engineering abilities will be used for improving organizational productivity that contributes to the growth of the company

EDUCATION

American University of Beirut

Master in Business Analytics

Lebanon, Beirut
09/2019 -- 09/2020(expected)

American University of Beirut

Bachelor in Mechanical engineering (Distinction | GPA:3.54/4)

Lebanon, Beirut
09/2015 -- 06/2019

Dr.Nazih El Bizri High Public School

Lebanese Baccalaureate Part II :life science (grade: 83.21%)

Lebanon, Beirut
09/2012 -- 06/2015

WORK EXPERIENCE

Bee Skills Center

Programs Coordinator

Jadra, Lebanon
03/2017 – 06/2019

- Analyzing the Data collected about the student to choose the one who fits to the program
- Developing a curriculum of science, robotics and mechanics for students.
- Participated in building the overall plan of activities and courses for students.
- Teaching secondary students the basic of mechanics ,instrumentation and robotics
- Developing these concepts in experiments, projects and competitions

Dar Al-Handasah Shair and Partners

Infrastructure Engineer Intern

Beirut, Lebanon
05/2018 – 07/2018

- Worked in the infrastructure field in the area of pump stations
- Developed the pump curve and the system curve
- Studied the efficiency of Pumps according to the type of work and fluid
- Chose the best alternative
- Managed the integration of Pump into the CAD model

RESEARCH EXPERIENCE

American University of Beirut

Final Year Project: Energy Harvesting Tile

Beirut, Lebanon
09/2018 – 06/2019

- Mechanical (Thermal, Design and Material) and Electrical analysis on PVDF (new polymer material which generates electricity through vibration) in order to implement it in our daily life (street tiles) as new green energy source

American University of Beirut

Research Assistant: Ruggedized PV Modules

Beirut, Lebanon
02/2017 – 08/2018

- Mechanical (Thermal, Design and Material) and Electrical analysis on Solar Panels in order to implement it as a street tiles that resist high weight with high output efficiency

ADDITIONAL SKILLS

Language: Proficient in English and Arabic

Software Proficiency: Microsoft office (Word, PowerPoint, Excel), Rstudio, Python, AutoCAD, Creo Parametric, LabVIEW, SolidWorks, Working Model 2D, Visual Studio (C++), MATLAB and Simulink, Arduino, ANSYS

Soft Skills: Leadership, Teamwork, Time Management, Public Speaking, Problem Solving, Flexibility, Adaptability, motivated