

Richard Khalil

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EDUCATION

From 09/18 to 06/23	Lebanese University ULFG2 Bachelor of Engineering in Mechanical (Bac +4) Master's degree (M1) – Mechanical Engineering (Bac +5) Grade 73/100	Roumieh, Lebanon
From 09/03 to 07/18	Jesus & Mary School General Science, Lebanese Bacc Grade 16/20	Rabweh, Lebanon

EXPERIENCE

From 10/22 to Present	Yellow Pages Position held: Digital Marketing Consultant <ul style="list-style-type: none">Providing consultations to small to medium Canadian companies on how to improve online visibility, digital marketing campaigns, customer acquisition, etc...	Canada
From 08/22 to 09/22	Dar Al Handasah (Shair&partners) Position Held: Trainee <ul style="list-style-type: none">Learning fundamentals of HVAC, plumbing, and firefighting systemsParticipating in equipment sizing and selection for different projects (Pipes, Ducts, Diffusers, Split Units, etc...)Performing design using Revit, AutoCAD, HAP load calculation and other engineering softwareLearning international codes and standards (ASHRAE, NFPA, IPC, etc...)Performing a feasibility study and financial analysis on a district cooling project in Jeddah	Beirut, Lebanon
From 06/22 to 07/22	Phoenix Energy – Indevco Group Position held: Trainee <ul style="list-style-type: none">Learning the fundamentals of solar energy and Helioscope software for solar simulationsPreparing energy audit reports and designing solar based power solutions for clientsPerforming a feasibility study and financial analysis on a solar project (Main metrics used: ROI, IRR, NPV, Payback period)	Safra, Lebanon
From 09/21 to 02/22	Rameh Engineering FZCO Position held: Apprentice <ul style="list-style-type: none">Optimizing building energy systems using data analysis and IOTAnalyzing maps of building energy systems and identifying data points in the systems that would be of utility for the study of the energy efficiencyVisualizing data of different HVAC equipment (Chillers, Boilers, AHUs, VAVs, etc...) using Python and controlling quality of code results using ExcelDiagnosing and detecting faults in these equipment according to ASHRAE standards and preparing monthly reports of faulty equipment for clientsCalculating energy consumption of equipment on a monthly or yearly basis and assisting in taking financial decisions related to the efficiency of the whole HVAC system	Remote
From 09/18 to 06/22	Freelance Position held: Math Private Tutor <ul style="list-style-type: none">Private tutoring for high school and university students in all math topics	Metn, Lebanon

EXTRA CURRICULAR ACTIVITIES

- GC LAU Model United Nations 2016 – Position Paper Award
- LAU Science Fair 2017 – 1st Place in Robotics (Line Tracking)
- Jesus & Mary Futsal Team – Winners of two Lebanese Championship of Schools
- Member of the ULFG2 Consulting Club
- Volunteer in Lebanon Reforestation Initiative

SKILLS

Languages: Fluent in English, Arabic and French

Computer Skills: MS Word, Excel, PowerPoint, Python, SQL, PowerBI, AutoCAD, Inventor, C++, C#, C, MATLAB

Soft Skills: Communication, Problem-Solving, Team-Building, Organizational, Public Speaking, Leadership