YASER SHAMSEDDINE, PMP

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<u>Personal Details</u>: June 14, 1994 • Lebanese • Male • Single

<u>About Me</u>:

Civil Engineer, Engineering Management Graduate, and Project Management Professional; with hands-on experience in machine learning projects. I am looking for a full-time job position where I can make a significant contribution to the company's development, and thereby, myself.

PROFESSIONAL CERTIFICATES

- Project Management Professional (PMP), June - 2019
- Autodesk Certified Professional: Revit Structure, Feb – 2018

SKILLS

Technical Skills

Project Management - Machine Learning - Business Analytics - Structural Design - Engineering Software Proficiency - Technical Writing.

Soft Skills

Communication - Motivation to learn - Result-oriented - Analytical mind - Critical thinking - Enthusiasm and leadership - Presentation skills.

LANGUAGES

Arabic - Native
English - Fluent

CERTIFIED COURSES

- Machine Learning for Business Professionals – Google Cloud – Coursera
- AI For Everyone – deeplearning.ai – Coursera
- Machine Learning – Stanford University – Coursera
- MATLAB – MathWorks
- R Programming A-Z: R for Data Science with Real Examples – Udemy
- Machine Learning A-Z: Hands-On Python & R in Data Science (practiced on R only) – Udemy
- Microsoft Project 2016 – Udemy
- Introduction to Financial Modelling – Udemy
- International Computer Driving License – Beirut Arab University

MEMBERSHIPS

- Order of Engineers and Architects, Lebanon
- Project Management Institute, USA
- Institute of Management Accountants, USA
- Union of Professional Musicians and Singers, Lebanon

EDUCATION

Master of Engineering Management, Feb 2018 - Sep 2020
American University of Beirut (AUB) - Beirut, Lebanon

Bachelor of Civil Engineering, Sep 2013 - May 2017
Beirut Arab University (BAU) - Dibbiyeh, Lebanon

PROFESSIONAL EXPERIENCE

- Built regression and classification machine learning predictive models using R language to generate future insights and solve various challenges
- Set up and solved Linear/ integer programming models to optimize solution of various problems, e.g. maximizing profit, minimizing total time or costs, identifying optimal production, etc.
- Utilized decision trees and probability distributions to select optimal strategies and decisions
- Used R language to conduct exploratory data analysis on variuos datasets
- Employed Microsoft Project to manage tightly project schedules and costs

Project Supervisor, SAABCO - Aug 2018 – Feb 2019

- Established the WBS and identified the design process
- Created project schedules and managed construction drawings
- Applied earned value management to maintain project on time and budget

Project Engineer, Arch. & Eng. Office - June 2017 – July 2018
- Coordinated with the stakeholders on project progress
- Negotiated contracts with vendors
- Designed many types of structural elements and executed them on site
- Utilized Revit software to extract complete shop-drawings and BOQs

ACADEMIC EXPERIENCE

Researcher, American University of Beirut - Sep 2019 – Sep 2020

- Thesis title: Application of Multi-Label Classification in Project Management for Risk Identification
- Assist project managers to better identify and analyse project risks on milestone levels to increase project success rates by utilizing machine learning algorithms as Decision Trees and Support Vector Machines

Graduate Teaching Assistant, American University of Beirut - Sep 2018 – May 2020

- Developed and set Engineering Economy course lectures and presentations
- Corrected and marked students' assignments
- Enhanced students' knowledge by holding solving sessions

Tutor, U.S. Middle East Partnership Initiative - March 2018 – May 2020

- Assisted students on basic Accounting and Finance courses
- Prepared and conducted workshops on time management and effective studying