

# AMIR MHANNA, MSc

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Work Permits: 6 months end-of-studies internship contract  
Availability: June- December 2020



## PROFESSIONAL SUMMARY

A detail-oriented mechanical engineer experienced in mega-projects and multicultural environments; passionate about data; seeking to use proven project management and analytical skills to improve process performance and work productivity.

## EDUCATION

### SKEMA BUSINESS SCHOOL

PARIS, FRANCE

MSc (M2) / Project and Programme Management & Business Development

JANUARY. 2019– DECEMBER. 2020

- GPA: 16/20 (3.55/4)
- Thesis: Enhancing project efficiency through machine learning and near real-time data collection systems.
- Technical courses: Organizational Performance Improvement, Advanced Strategic Management.

### NOTRE DAME UNIVERSITY – LOUAIZE

ZOUK MOSBEH, LEBANON

Bachelor of Engineering (BE)/ Mechanical Engineering

SEPTEMBER. 2008– JANUARY. 2013

- President of ASHRAE- NDU Student Chapter leading 30 members and organizing field trips to construction sites
- Technical courses: Internal Combustion Engine, Solar Energy; End of studies Project: Head movement-tracking robot

## PROFESSIONAL EXPERIENCE

BACS CONSORTIUM - RIYADH METRO PROJECT

RIYADH, SAUDI ARABIA

### Mechanical Engineer

JANUARY. 2016– DECEMBER. 2018

- Managed Mechanical (HVAC), Electrical, & Plumbing (MEP) installations on 2 metro stations, ensuring thorough communication between various departments and subcontractors including Design, Quality Control, Health & Safety, Procurement, and Planning teams
- Designed construction, operations & maintenance manuals and in-depth Quantity surveying, Planning, Scheduling, and Productivity analysis tool that enabled continuous and error-free progress monitoring and controlling
- Supervised a construction team of 30 workers and 3 supervisors enabling high work performance and adequate quality
- Worked in a multicultural environment: Bechtel, Al Mabani, Consolidated Contractors Company (CCC), & SIEMENS

KETTANEH CONSTRUCTION

AL KHOBAR, SAUDI ARABIA

### Site Mechanical Engineer

SEPTEMBER. 2013– SEPTEMBER. 2015

- Managed Mechanical (HVAC), Electrical, & Plumbing (MEP) installations on Petrochemical buildings and Cooling Towers in Mega-projects, ensuring high-level communication and compliance with technical specifications and safety standards
- Developed Productivity analysis, time management, and lean production strategies for a team of 50 workers leading to enhanced work performance and reduced work variability
- Coordinated between internal departments, main contractors, and consultants, ensuring uninterrupted site operations
- Worked in a multicultural environment: Saudi ARAMCO, Sumitomo Chemical, SABIC, DOW, FLUOR, Jacobs, SAMSUNG

KHATER ENGINEERING AND TRADING S.A.L

EL MOUNTAZAH, LEBANON

### Building Management Systems (BMS) Engineer

JUNE. 2012– SEPTEMBER. 2013

- Designed Heating, Ventilation, Air Conditioning (HVAC), and BMS Control and Automation systems for hospitals, luxury, and commercial buildings, and towers enhancing system capacity and minimizing scraps and material wastage
- Given autonomous responsibility of projects; coordinated with internal departments, main contractors, and consultants ensuring technical compliance

## ADDITIONAL INFORMATION

- Languages: Arabic (Native); English (Bilingual); French (Basic)
- Certifications: PMP by PMI, [PRINCE2](#), [Agile PM](#), Lean Six-Sigma- YB, HSE Leadership, First Aid (by ECSI)
- Software: Microsoft Office (Excel mastery), MS Project, Primavera, Autodesk Revit, AutoCAD (2D/3D), SOLIDWORKS, C++
- Business interests: Data Science/AI, Information Technology (IT), Entrepreneurship & Innovation, Marketing, Operational Excellence, Data Analytics & Management, quantitative analysis, Business Intelligence (BI), Strategic Planning
- Hobbies and interests: Music (Guitarist at IMEP & Buzuq player), Science & Technology, Camping & Hiking, Philosophy