

Mohamad Doughan

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PROFESSIONAL EXPERIENCE

ARC Group, Beirut, Lebanon

May'17 – Present

Family-owned engineering boutique focused on architecture, construction, and property development projects

Project Engineer

Salvatore Ferragamo & Chanel Main Boutique Stores

- Led the project execution and ensured all deliverables met client's requirements and specifications
- Managed various stakeholders and acted as the central point of contact between the client's team in Milan/ Paris and Beirut
- Developed a work breakdown structure using Primavera, including project milestones, deliverables, tasks, and resources
- Applied Building Information Modeling (BIM) and mobile technology for effective work collaboration and record-keeping
- Delivered project reports and presentations to relevant project stakeholders (internal and external)
- Effectively managed claims, disputes, and variation orders to minimize delay and cost overrun

Riviera Residence Complex

- Issued quantity take-offs for architectural, structural, electrical, and mechanical works for pricing
- Reviewed design proposals, method statements, material submittals, variation orders, and shop drawings
- Negotiated contract terms and quotations with relevant stakeholders (contractors, sub-contractors, and suppliers)
- Managed project's budget by estimating cost of construction activities based on time, resources, and market unit rates
- Standardized and streamlined processes leading to a reduction in construction cycle time by >20% and cost by >10%

Dar al Handasah (Shair and Partners), Beirut, Lebanon

Jul'14 – May'17

Global consulting leader in engineering, planning, and project management

Engineering Consultant

Buildings: Abraj Kudai (Saudi Arabia), Al Maktoum International Airport (Dubai), Algerian Presidential Palace (Algeria)

Bridges & Underpasses: Obhur Creek Bridge (Saudi Arabia), New Orbital Highway & Truck Route (Qatar)

- Prepared feasibility studies, option appraisals, and tender documents for 10 megaprojects in the MENA region
- Designed structural elements using different software and issued design drawings, calculation notes, specifications, and BOQs
- Coordinated with Architectural, Geotechnical, MEP, and Transportation departments to ensure an integrated design output
- Advised external projects stakeholders on queries, requests, variation orders, and deadlines
- Conducted value engineering for projects and developed lean design solutions

Arabian Construction Company (ACC), Abu Dhabi, UAE

Jun'13 – Jul'13

Leading construction contractor in the MENA region

Site Engineer Intern

- Rotated across Planning, Commercial, Engineering, Construction, QA/QC, and Health and Safety departments

EDUCATION

American University of Beirut (AUB), Beirut, Lebanon

Sep'10 – May'14

Bachelor of Civil and Environmental Engineering

- 3.3 / 4 – Dean's Honor List
- Ranked 1st in the 2014 International Biodiversity Day At AUB (IBDAA) competition
- Emphasis on Engineering Management

Courses: Construction Business Management, Construction Planning and Scheduling, and Engineering Project Management

International College (IC), Beirut, Lebanon

Sep'95 – May'10

Lebanese Baccalaureate, General Sciences

- Ranked among the top 10% of all IC graduating students

EXTRACURRICULAR

- **Lebanon Mountain Trail Association (LMTA)** – Section Hiker
- **Lebanese Basketball Federation** – 3rd Division Player
- **Lebanese Ski Society at AUB** – Member: promoted winter activities and skiing events in Lebanon
- **American Society of Civil Engineers at AUB** – Member: engaged in various pro bono projects

Apr'19 – Present

Jul'14 – Jun'18

Jul'11 – May'14

Nov'10 – May'14

SKILLS

- **Language Skills:** Arabic (fluent), English (fluent), and French (intermediate)
- **Computer Skills:** Microsoft Office Suite, Primavera, APROPLAN, AutoCAD, Revit, ETABS, SAFE, SAP, CSI Bridge, C++
- **Interests:** Piano, History, Geology, Hiking, Fishing