

Ahmad Hammoud

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PROFILE SUMMARY

Civil Engineering graduate specializing in structural analysis, reinforced concrete design, and construction planning. Experienced in engineering software including AutoCAD, ETABS, and SAFE, with practical exposure to site supervision and project execution. Demonstrated ability to translate theoretical knowledge into real-world applications through structural design projects and on-site experience. Strong analytical, problem-solving, and technical documentation skills with a focus on efficient and sustainable engineering solutions.

WORK EXPERIENCE

Sondos for Construction and Trading

Intern
2024

Bekaa, Lebanon

June 2024 – August

- Assisted in on-site supervision of concrete works, ensuring compliance with structural drawings and construction specifications.
- Participated in quantity take-offs and basic cost estimation for construction activities.
- Supported foundation preparation and formwork inspection processes.
- Interpreted engineering drawings to assist in execution and coordination between site teams.

Ohana Development

Intern
2025

Medyar, Lebanon

May 2025 – July

- Assisted in daily site supervision activities, ensuring construction works and finishing operations were executed according to approved drawings and specifications.
- Coordinated with contractors and site teams to support smooth workflow and timely task completion.
- Monitored construction progress and reported site updates to Construction Managers.
- Supported quality control processes, including inspection of materials and workmanship on-site.

PROJECT EXPERIENCE

Rafik Hariri University

Capstone – Smart Mall Structure

Mechref, Lebanon

- Designed a multi-story smart mall structure integrating architectural, structural, and operational requirements.
- Performed full structural analysis using ETABS and foundation design using SAFE.
- Conducted reinforced concrete design in accordance with ACI 318, including slabs, beams, columns, and foundations.
- Developed project scheduling and planning using Primavera P6.
- Modeled structural and architectural components using Revit to support visualization and coordination.

Steel Truss Analysis

- Performed structural analysis of steel truss systems using analytical methods and software tools.
- Evaluated load distribution, internal forces, and deflection behavior under various loading conditions.
- Verified structural efficiency and safety through comparative analysis of different configurations.

Water Tank Design

- Designed reinforced concrete water tanks considering hydrostatic pressure and service load conditions.
- Applied structural design principles to ensure stability, durability, and watertight performance.
- Performed detailed calculations for wall thickness, reinforcement, and base slab design.

EDUCATION

Rafik Hariri University

Bachelor of Engineering (B.E.) in Civil Engineering

Mechref, Lebanon

2021-2026

TECHNICAL SKILLS

Skills: Structural Analysis & Design, Reinforced Concrete Design (ACI 318), ETABS, SAFE, AutoCAD, Revit (BIM), Primavera P6, Steel Structures, Water Retaining Structures, Quantity Surveying (Take-Offs), Construction Drawings Interpretation, Site Supervision & Quality Control, Construction Materials Testing, Microsoft Excel

LANGUAGES

Arabic (Native), English (Fluent)