

Abdelsalam Itani

Beirut, Lebanon | +961 70 975 195 | [LinkedIn](#) | abdelsalamitani023@gmail.com

EDUCATION

American University of Beirut

Bachelor in Civil and Environmental Engineering, Landed on the Dean's Honor List.
GPA: 3.53/4

Beirut, Lebanon

Aug 2021 - Jun 2025

WORK EXPERIENCE

Dar Al-Handasah, structural engineering Intern

Jul 2024 – Aug 2024, Beirut, Lebanon

- Designed and analyzed structural elements (slabs, beams, columns, and foundations) using SAFE, ETABS, and SAP2000 per ACI-Code 318-14 standards.
- Produced AutoCAD drawings, including plan views, slab reinforcements, and beam schedules, to support structural analysis.
- Conducted seismic and wind load analysis, optimizing designs for safety and cost-efficiency.
- Evaluated and implemented foundation systems, ensuring compliance with deflection, punching shear, and stability requirements.

Self-Organized Tutoring, Personal Tutor

Jan 2023 – Present, Beirut, Lebanon

- Delivering personalized, one-on-one Math tutoring sessions, meticulously tailored to individual learning styles.
- Modified teaching methods to address diverse student needs for better comprehension.
- Fostered transparent communication with students and parents to discuss progress and address concerns effectively.

IBECE, Internship

Jul 2023 – Aug 2023, Beirut, Lebanon

- Contributed to the technical operations of a façade engineering firm.
- Utilized AutoCAD and Revit proficiently to accomplish assigned tasks.
- Acquired proficiency in utilizing Robot for structural analysis and design.
- Design sample laboratory fixtures and other components using SolidWorks or similar CAD software.
- Perform rapid prototyping using additive manufacturing.

Bilectual, Accounts Payable/Receivable Officer

Jul 2021 – Sep 2021, Beirut, Lebanon

- Processed, verified, and reconciled vendor and customer invoices.
- Ensured timely bill payments and followed up on overdue accounts.
- Reviewed and updated technical reports and Standard Operating Procedures.
- Developed and implemented nomenclature for organized digital records.

ACADEMIC PROJECTS

Hydrology Data Project

Jan 2024 – Present, Beirut, Lebanon

- Developed data acquisition algorithms and analyzed hydrology data using LabView, MATLAB, and Excel.
- Aggregated and extracted annual maximum values for frequency analysis.
- Conducted data selection and processing for long-record NOAA stations.

Pipe Network

Aug 2023 – Dec 2023, Beirut, Lebanon

- Designed and analyzed a pipe network in Batroun, Lebanon, using EPANet for hydraulic modeling.
- Calibrated lab equipment and ensured resource availability for testing.
- Optimized network functionality and resolved potential reliability issues.

Highway Design

Jan 2023 – May 2023, Beirut, Lebanon

- Orchestrated the design of a comprehensive highway infrastructure using AutoCAD and Civil 3D.
- Adhered meticulously to project specifications and industry standards throughout the design process.
- Ensured the seamless integration of required features, demonstrating a commitment to precision and regulatory compliance.

SKILLS & INTERESTS

Skills: AutoCAD, Revit, EPANet, Robot, Python, SAFE, SAP, ETABS

Soft skills: Deep thinking, Problem Solving, Strong Communication, Collaboration

Languages: Arabic (Fluent), English (Fluent), French (Fluent)

Hobbies: Football, Gym, Sudoku, Rugby, Basketball