

Toni Zadeh

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EDUCATION

American University Of Beirut (AUB), Civil and Environmental Engineering 2021 – May 2025

- Activities and societies: American Society of Civil Engineers, 180DC Club, Real estate Club.

ENK Nazareth, Lebanese baccalaureate, general science 2006 – 2021

- Grade : 17.67/20.00, Top 5% nationally.

PROFESSIONAL EXPERIENCE

Wisewell, Civil Engineering intern June- Aug 2024

- Assisted in construction management for water distribution networks, as part of Wisewell's bid for a subcontractor role in a UAE infrastructure project.
- Prepared project schedule using MS Project, planning different construction activities based on productivity.
- Conducted cost estimation and procurement research, reaching out to potential suppliers for material pricing and lead times, then reporting findings to senior engineers.

CODE Consultants and designers, Final Year Project, Beirut Sep 2024- May 2025

- Created AutoCAD drawings for floor plans, slab layouts, and wall elevations based on the client's requirements.
- Integrated as-built measurements with new design intent to develop updated and accurate plan sets for coordination with structural and architectural teams.
- Used AutoCAD and ETABS to translate engineering analysis into clean, presentation-ready layout drawings.

EXTRACURRICULAR EXPERIENCE and PROJECTS

Structural Drawing and Modeling Project, Engineering Drawings Course. Jan 2023 – May 2023

- Interpreted architectural plans and built AutoCAD drawings for slab layouts, wall partitions, and column grids.
- Built a 3D Revit model of a 10-floor building, integrating slabs, beams, columns, etc... across all levels.
- Enhanced layouts with interior design elements such as furniture, lighting symbols, and trees to simulate real-world conditions and improve visual appeal.

American Society of Civil Engineers, Cabinet Member Sep 2021 – Present

- Organized and promoted events that attracted industry professionals to campus, providing students with valuable networking opportunities and insights into the field of civil and environmental engineering.
- Contributed to the renovation of a house in Achrafieh impacted by the Beirut Blast in 2020, with Offre Joie.

PROFESSIONAL CERTIFICATIONS

- 1st place at Comakan Startup competition, awarded 1500\$ cash prize for best startup idea in North Lebanon.
- 1st place at ASCE Bridge Competition (\$750 prize): built a 0.238 Kg bridge supporting a load of 42.5 Kg.
- LEED Green Associate, issued by the U.S Green Building Council.
- Smart Cities – Management of Smart Urban Infrastructures, issued by EPFL (École polytechnique fédérale de Lausanne).

VOLUNTEERING

Equipe missionnaire de Nazareth (NGO), member 2019 – Present

- Prepared BOQ for a USD 60,000 renovation project.
- Used MS project to coordinate multiple activities during construction.

SKILLS & PERSONAL

Languages: Arabic (native), English (fluent), French (fluent)

IT: Office Package (Word, Excel, PowerPoint, Project), Python, AutoCAD, ETABS.