

# Lea Anwar Issa

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## EDUCATION

**American University of Beirut (AUB), Beirut, Lebanon** 08/2018 – 06/2023  
Bachelor of Engineering (B.E) in Civil and Environmental Engineering.

## EXPERIENCE

**Project Management & Contracts Intern at Dar Al Handasah Beirut, Lebanon** 05/2022-07/2022  
Established an understanding of engineering consultancy and management.  
Executed works in Quantity take-offs, BOQ and MOM.  
Engaged in cost estimation works, PMC process maps, client consulting, Planning Scheduling Techniques, Contracts, Tendering and Bidding.  
Enhanced my executive capability by working alongside a multiverse team.

**Engineering Intern at EBCO BITAR Damour, Lebanon** 06/2021-10/2021  
Participated in project management and field work for the full-scale implementation of a four-building complex for the Lebanese General security Headquarters in the south of Lebanon  
Executed works in Quantity take-offs  
Supervised the daily work done (foundations, form work, steel work, concrete implementation)  
Calculation notes for pumps and dealing with suppliers  
Reviewed and organized as-built drawing and shop drawing submittals  
Assisted the senior engineer and project manager in ensuring quality and safety standards

**Junior Engineer at ISSA Contracting and Scaffolding** 08/2020 – Ongoing  
Participated in more than 10 construction and scaffolding projects  
Field works (daily site report, dealing with the client)  
Assisted in the execution of multiple AutoCAD and project plans  
Assisted a team of 4 on the on-site quality control.  
Participated in all scaffolding steps, modeling, assembly, piecing, and stress testing

**Undergraduate Tutor** 01/2019 – Ongoing  
Provided peer academic assistance to younger high school students and civil engineers in math, science, and engineering courses.

## EXTRACURRICULAR ACTIVITIES

**Independence Scouts Lebanon, member** 11/2016 – 11/2021  
Led and organized many activities and camps for my group  
Was voted best spirit for two consecutive years

**ASCE – AUB Branch, Event Officer** 10/2021 – Ongoing  
Handled the preparation and marketing coordination of multiple ASCE Events on campus

**AUB OUTDOORS – AUB Branch, Public Relations Team Member** 3/2021 – Ongoing

## AWARDS AND PROJECTS

- Partook in DAKAKEEN, a trendy e-commerce concept, expected to launch in Saudi Arabia. Was involved in planning a week-long soft opening event in Riyadh
- Designed and constructed a minimalistic bridge model from limited wood materials and reached the semifinals as part of an engineering-wide competition at AUB
- Designed and rendered a 3D full residential building with detailed foundation, stairs, elevation, and furnished rooms using AutoCAD and Revit
- Designed and programmed a fully functional Robot using LABView and Mindstorms robotics kit as part of a Sumo Robot Competition
- Conducted theoretical research on the introduction of pipe networks in the Lebanese region “Kfarhoune” along with the subsequent analysis and planning needed to supply the demand of the residents.
- Conducted a research study on the impact of medical waste on the Lebanese environment and economy and explored solutions with the appropriate stakeholders.
- Partook in project management and construction management software courses like BIM 360, Primavera P6, and VICO control
- Partook in a series of courses related to construction methods, safety management, and best practices in civil engineering
- 1<sup>st</sup> place award in a basketball tournament held by the Lebanese Basketball Federation.

## SUMMARY SKILLS

**Languages:** Arabic (Native) | English (Fluent) | French (Fluent)

**Computer skills:** Python | MATLAB | BIM 360 | MS Office | AutoCAD | Revit | 3D MAX | Primavera P6 | VICO control