Tarek Sobhieh

Civil Engineer

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Work experience

Graduate teaching assistant
AUB Laboratories — **September 2018 - present**

Provide teaching assistance for engineering students (third and fourth year) in experiments (soil and environmental labs) as well as correcting reports, quizzes and proctoring during exams.

Internship
Fatima co. — **July to August-2017**

The project is located in Tripoli, Lebanon and consists of a Mosque and a building for elderly and orphans. I have attended a training for one complete month. I was responsible for shuttering maps preparation as well as implementation process for slabs, stairs and retaining walls.

Internship
Khatib and Alami — **July to August-2016**

The project consists of an engineering laboratories and workshops building for Lebanese American University located in Byblos, Lebanon. I was responsible for monitoring the implementation process and ensure compliance with maps. I went through different sectors (2 way solid slabs, macalloy system...)

Internship
Geneco — **June to July-2016**

This project is highway- infrastructure based located in Tripoli, Lebanon which consists on a bridge construction. Through the training period, I have learned and seen multiple valuable things including roads structures, pavement, expansion joints, infrastructure pipe and sewers.

Internship
Edso group — **June to august-2015**

It is a residential project through I have visualized ribbed slabs, stairs and basic stuff as it was my first training.

Achievements
Final year project — **2017-2018**

1. First part of final year project is related to the seismic analysis part of SEBA tower, 50 story in height, located in Abu Dhabi using ETABS software. It is called the dancing tower because of its irregularity and complex shape.
2. Second part consisted on the seismic analysis of AL MUAALLAK mosque located in Tripoli. This is an archaeological mosque made out of natural stone masonry units. The mosque is modeled using FEA software (Abaqus).
   - The project is presented in order of engineers (Tripoli and Beirut).
   - This project helped to develop a documented statement about the safety of the mosque under seismic actions.

Education

Lebanese official baccalaureate — 21-7-2013
Collège Nationale

General Science

Bachelor of civil engineering
Beirut Arab University — 2014-2018

Graduated with high distinction.
In the following, semesters GPAs and rankings are shown:

Semester	GPA	Ranking
Fall 2013-2014	3.92/4	First
Spring 2013-2014	3.93/4	First
Fall 2014-2015	3.86/4	First
Spring 2014-2015	3.77/4	First
Fall 2015-2016	3.88/4	Third
Spring 2015-2016	3.82/4	Third
Fall 2016-2017	3.89/4	Fourth
Spring 2016-2017	4/4	First
Fall 2017-2018	3.95/4	First

Master of civil engineering
American University of Beirut — 2018-2020

Construction engineering and management department.

Technical summary

Applications

- Microsoft Word
- Excel
- PowerPoint

Computer-Aided Design

- Abaqus
- ETABS
- S-concrete
- Safe
- Sap
- Robot structural analysis
- AutoCAD

Core competencies

- Civil Engineering
- Structural Optimization
- Exploration
- Finite Element Analysis
- Leadership
- Team work
- communication skills
- Ability to work under pressure

Languages

- Arabic: native language
- English: Fluent
- French: very good skills both written and oral

Hobbies

- Swimming
- Ping pong
- Basketball

Summary

Through university years, I showed a high intellectual performance as well as an excellent GPA equal to 3.89. In addition, Final year project parts were a great experience to reinforce my computer skills related to design and analysis as well as to improve my engineering sense. Moreover, four internships in four different areas helped me a lot to widen my knowledge and experience in construction process and made me eligible to start my profession with a respectful company.