

Dania Sammour

Civil & environmental engineer



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EDUCATION

Bachelor's degree, Civil and Environmental Engineering
Beirut Arab University (BAU)

2015 - 2019

WORK EXPERIENCE

Teaching
Freelance

09/2020 - Present

Achievements/Tasks

- Teaching students of civil engineering different courses.

Structural Engineer
Freelance

03/2020 - 06/2020

Achievements/Tasks

- Making the design of projects using software: safe, etabs and autocad.

Civil engineer

Eng. Hassan Hussien

10/2019 - 03/2020

Achievements/Tasks

- Working on the structural part of the project.
- Making the design using safe, etabs and adapt, drawing the full project on Autocad.

Structural Engineer

Eng. Ahmad Daher

07/2019 - 10/2019

Achievements/Tasks

- Designing an construction buildings and structures that are safe and capable of withstanding the elements to which they will be exposed, as well as improving the structural integrity of existing buildings.
- Making calculations about loads and stresses.
- Selecting appropriate construction materials.
- Obtaining planning and/or building regulations approval.
- Liaising with relevant professional staff such as architects.

Structural Design

Eng. Ismail Ali

05/2019 - 06/2019

Achievements/Tasks

- Making the design of two buildings using: - Autocad - Safe - Adapt - Etabs.

Site civil engineer

Eng. Adnan Lakis

10/2018 - 04/2019

Achievements/Tasks

- The training was as site engineer.
- Supervised and monitored the labor force and any subcontractors.
- Procured and oversaw construction materials for site (Post-tension, raft foundation, columns, walls, retaining wall, roof and pile foundation)

CERTIFICATIONS

Autocad

Robot structural analysis

MS project

Safe

Etabs

Adapt

CSicol9

PERSONAL PROJECTS

Project Management (2018 - 2019)

- Final year project is construction project management (CPM): CPM is the overall planning, coordination and control of a project from beginning to completion.
- CPM stages:
 - 1- Structural design of the project,
 - 2- Quantity take-offs & bill of quantities (BOQ),
 - 3- Estimating resources using MS project,
 - 4- Scheduling using MS project,
 - 5- Overdraft,
 - 6- Contract documentation.

LANGUAGES

Arabic

Full Professional Proficiency

English

Full Professional Proficiency

French

Full Professional Proficiency

COURSES

Entrepreneurship at Beirut Arab University (2015)

Communication Skills course at Beirut Arab University (2017)

Speech communication at Beirut Arab University (2018)

Human rights course at Beirut Arab University (2017)

Advanced writing at Beirut Arab University (2017)

Engineering Ethics at Beirut Arab University (2017)

COMMUNICATION AND INTERPERSONAL SKILLS

1-

Excellent communication skills gained through years of experience in university and in training where we communicate with a variety of labors and engineers of different ages and backgrounds.

2-

Excellent body-language skills.

3-

As an engineer must be able to clearly communicate ideas and give direction leaving no ambiguity and able to listen and benefit from the ideas of others of the team.

MEMBERSHIPS

Member in the American Society of Civil Engineers (ASCE)

JOB-RELATED SKILLS

- High level of Mathematics and Physics that allow for solving engineering problems.

- Good time management, where complex construction projects require effective organization and time management if they are to be delivered to budget and no time.

- Never-ending learning and expanding my knowledge while new methods develop.