

# Wael Termos

## Civil Engineer

### Personal Info



#### Address

Beirut-Lebanon  
Maamoura, Hamdar Street,  
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#### Date of Birth

30-July-1996



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### Skills

ETABS (Certificate from ETC)  
SAFE  
Robot Structural Analysis  
Revit  
S-concrete  
AUTOCAD  
Primavera  
IC3 (Certificate from BAU)  
M.O: Excel, Word, Power Point.  
MATLAB  
ABAQUS

### Languages

Arabic (Native)  
English (Fluent)

### References

Prof. Yehya Temsah – Assistant Dean:  
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Dr. George Saad – Associate Professor:  
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I am a Masters Graduate in Structural Engineering from the American University of Beirut. As an enthusiastic self-starter with strong communication and technical skills, proving academic and curricular achievements and possessing the right technical and soft skills required to propel the organization achieving its goals and objectives, I am keen to find a challenging position where I can blend my solid educational background along with my variety of skills to add more value to any progressive organization.

### Education

Aug,2019 Jan,2022	<b>American University of Beirut (AUB)</b> Master's degree in Structural Engineering <b>GPA: 3.86</b>
Sep,2014- Dec,2018	<b>Beirut Arab University (BAU)</b> Bachelor in Civil and Environmental Engineering <b>CGPA: 3.8</b> Graduated with distinction; overall rank: 3/205
Sep,2000- Jun,2014	<b>Hassan Kassir High School</b> Baccalaureate in General Sciences, <i>Graduated First in Class and selected as Class Valedictorian.</i>

### Experience

Feb,2021- Present	<b>BIM Coordinator &amp; Structural Designer, Pencildezign, Kuwait city, kuwait.</b> <u>Working Remotely</u> <ul style="list-style-type: none"><li>• Handling projects and allocating tasks to the members of the relevant departments.</li><li>• Coordinating and communicating with other companies.(Mainly Ac and Pool Companies)</li><li>• Checking the structural design, drainage system, pool details and materials required by using the appropriate softwares.</li><li>• Coordinating with the architectural department to check for any design conflict in order to fulfill the structural 3D model using Revit.</li><li>• Follow ups in meetings with clients to promote collaboration, communication , and gain a clear understanding to provide the needed support.</li><li>• Prepare monthly plans and evaluations for the structural department</li></ul>
April,2019- June,2019	<b>Intern Engineer, TUSTHOLD DEVELOPMENT GROUP,Beirut,Lebanon</b> <u>Spears 88 Project</u> <ul style="list-style-type: none"><li>• Checked the finishing procedure: Masonry walls, Putting Terrocate, Fine Stoneware Tiles, Sanitary Ware, Parquet, Laminated flooring, Decorative plaster, Painting, Putting wallpaper, etc.</li><li>• Provided the installation of Aluminum Strips, Steel girders and Double Glazed Aluminum.</li><li>• Conducted necessary software analysis to ensure consistency of execution with design.</li></ul>
July,2018- Sep,2018	<b>Intern Engineer, Mrad Contracting Company, Beirut, Lebanon</b> <u>Zahraa Hospital Helipad Project</u> <ul style="list-style-type: none"><li>• Managed a section from the construction scope, overseeing multiple building works.</li><li>• Ensured consistency of executed works with technical designs and drawings.</li><li>• Provided on-site technical support and consultation to resolve problems.</li><li>• Prepared site reports and other required paperwork.</li></ul>
July,2017- Sep,2017	<b>Intern Engineer, Kfoury Engineering and Contracting, Beirut, Lebanon</b> <u>Forty-Four Tower Project</u> <ul style="list-style-type: none"><li>• Conducted necessary software analysis to ensure consistency of execution with design.</li><li>• Provided on-site technical support and consultation to resolve problems.</li><li>• Prepared site reports and other required paperwork.</li></ul>
July,2016- Sep,2016	<b>Intern Engineer, Mrad Contracting Company, Beirut, Lebanon</b> <u>Majlis EL Janob Project</u> <ul style="list-style-type: none"><li>• Supervised concrete casting and checked the jacketing reinforcement to validate consistency with design.</li></ul>
Sep, 2014- Present	<b>Tutor, Freelance, Beirut, Lebanon</b> Tutoring middle and high school students (e.g., math, sciences, etc.) Tutoring level civil engineering courses (e.g., statics, structural analysis, RC design, etc.)

### Projects

- **Residential projects**  
Working on modeling the structural design of the residential villas in GCC countries using Revit in parallel to leading and supervising of the civil team. In addition to working alongside the architecture team for compatibility of the project. Since Feb 2021, I have supervised and accomplished more than 40 projects.
- **Senior project**  
Forty-four tower is a project perched in “Dekwaneh- Lebanon”. My project has been limited to the structural design of the tower, including bill of quantities and concrete specification. I have used ASCE 7-10 code while working on the project. In addition, I have used several software which are: AUTOCAD, SAFE, and ETABS.
- **Analysis of the building using ETABS**  
Dynamic and Static analysis of the building and comparing the results between the systems to prove that the Dynamic way of analysis is more accurate.
- **Analysis of RC Beams using ABAQUS**  
Modeling and analyzing the RC Beams and compare it with experimental results.
- **Tubular Frame System**  
Research on the structural behavior of tubular frame system and implemented the results of the research in ETABS.
- **Footing Design**  
Manual and software design using SAFE and comparing the results between them.