

# **Sami Mahmoud**

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## **PROFILE**

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Resourceful and dedicated graduate engineer with a high level of communication and interpersonal skills as gained from a range of industry experience within mid to large organizations. I hold a bachelor of engineering where I am presently completing my masters of advanced engineering at Beirut Arab University. Backed by various successful internship experiences I possess knowledge of engineering principles and standards.

## **EDUCATION**

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**Beirut Arab University** **SEP 2018 - CURRENT**

*Master of Advanced Engineering (Civil - Public Works)*

**Beirut Arab University** **SEP 2011 – JAN 2016**

*Bachelor of Engineering (Civil and Environmental Engineering) with a high Distinction Average*

## **WORK EXPERIENCE**

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***AbdulWahed Chehab Consulting Engineering Office - LDRS*** *Chehab and Partners – Verdun*

***Technical and Contractual Consultant - Construction Manager / Team Leader***

- Rehabilitation of Faculties of Lebanese University Damaged by BEIRUT Blast  
UNESCO & LU **AUG 2020 – CURRENT**
  - Rehabilitation of Public Schools Damaged by BEIRUT Blast  
UNESCO & MEHE **AUG 2020 – CURRENT**
  - Rehabilitation of Public Schools Damaged by BEIRUT Blast  
UNICEF & MEHE **AUG 2020 – CURRENT**
  - Rehabilitation of CDR Damaged by BEIRUT Blast  
CDR **AUG 2020 – CURRENT**
- Building good relationships with clients and their representatives during communication and meetings with them, working on implementing their proposals and requests in financing the project, reflection this on the budgeted cost and find appropriate solutions within the amount allocated, providing the required advice and preparing the minutes of meetings.
  - Assist the financial and tendering department in evaluating contractors and resolving bids.
  - Sites assessment.
  - Detection and establishment of detailed bill of quantities and specifications.

- Detection of structural damages, request to carry out concrete and steel tests, determine locations and types, coordination with the laboratory, analyze of results and design structural assessment.
- Setting tender reports, drawings, BoQs & specifications.
- Explanation to the contractors the works needed in order to be able to pricing.
- Assist the project management team in supervision, controlling and consulting on the rehabilitation works and to hand over the works to clients according to the highest standards.
- Supervise, monitoring, controlling and receipt rehabilitation works: architectural and finishing.
- Site co-ordination, progress at site, instruction and inspection the work.
- Receiving and working on the demands of clients.
- Checking the quantities executed on the site on the BoQ.
- Checking and approval of the statements submitted by the contractor.

### ***Construction Manager - Assistant Projects Manager / Team Leader***

- Residential Building on Lot 282 & 291 – 15<sup>th</sup> floor (4 Basement, GF, 10 Floor above the GF)  
Beirut – Hamra | Private Sector OCT 2019 – CURRENT
- Rehabilitation and Retrofitting of Jbaily Hospital (110 Beds, All Departments Available)  
Saida | Private Sector OCT 2016 – MAY 2019
  - Building good relationships with clients and their representatives during communication and meetings with them, working on implementing their proposals and requests in financing the project, reflection this on the budgeted cost and find appropriate solutions within the amount allocated, providing the required advice and preparing the minutes of meetings.
  - Assist the financial and tendering department in evaluating contractors and resolving bids.
  - Negotiating, approval and execute prime contracts, subcontracts and change orders.
  - Assist with the development and review of internal and external reports including: project budgeting, project cash flow forecast and project status reports.
  - Review the site mobilization and demobilization activities.
  - Supervise, monitoring, controlling and receipt works: excavation, shoring system, steel, concrete, hollow blocks, plaster, insulation, tiles and MEP works.
  - Establishment of statements: workers, invoices ....
  - Approval of the statements submitted by the contractors and create of DT statement.
  - Site co-ordination of contractors (excavation, shoring system, concrete, MEP, and architectural & finishing ...) and suppliers, progress, inspection of works at site.
  - Correction of as-built drawings, shop drawings and detailed BoQ.

### ***Consultant***

- MADINA TOWER – 20th Floor (5 Basement, GF, 14 Floor Above the GF)  
Beirut – Mazraa | Private Sector MAR 2020 – CURRENT
- Residential Building on Lot 4276 – 17th Floor (3 Basement, GF, 13 Floor Above the GF)  
Beirut – Mazraa | Private Sector SEP 2019 – CURRENT

- Inspection of steel & concrete on the site.
- Coordination & clarification with the contractor.
- Generate descriptive reports.

### ***Volunteer – Construction Manager / Team Leader***

- Rehabilitation of Buildings Damaged by BEIRUT Blast AUG 2020 – SEP 2020
  - Rapid Sites Assessment.
  - Detection and Establishment of Bill of Quantities and Specifications.
  - Generate Descriptive Reports.

### ***Technical and Contractual Consultant - Construction Manager***

- Rehabilitation of 13 Innovation Lab  
Hadath | UNICEF & LU OCT 2020 – DEC 2020
- Rehabilitation of 13 Innovation Lab  
Beirut | UNICEF & Sport City JUL 2020 – AUG 2020
- Rehabilitation of 6 Schools in Lebanon  
CDR & MEHE JUN 2019 – SEP 2019
- Rehabilitation of 13 Innovation Lab  
Saida | UNICEF & Public Sector FEB 2019 – APR 2019
- Rehabilitation of 44 Schools in Lebanon  
UNICEF & MEHE APR 2017 – SEP 2017
  - Assist the project management team in supervision, controlling and consulting on the rehabilitation works and to hand over the work to UNICEF and clients (MEHE, Lebanese University, ...).
  - Supervise, monitoring, controlling and receipt rehabilitation works: concrete, MEP, architectural and finishing.
  - Site co-ordination, progress at site, instruction and inspection the work.
  - Receiving and working on the demands of school officials, UNICEF engineers and MEHE engineers.
  - Checking the quantities executed on the site on the BoQ.
  - Approval of the statements submitted by the contractor.

### ***Design Engineer***

- Directorate of General Security Training Center– 2 Blocks (1 Basement, GF, 1 Floor above the GF)  
Damour | General Security MAY 2020 – JUN 2020
- Residential Building on Lot 4276 – 17th floor (3 Basement, GF, 13 Floor above the GF)  
Beirut – Mazraa | Private Sector Apr 2019 – May 2019

- Vegetable Market (Souk El-khoudar – سوق الخضار) (2 Basement, GF, 3 Floor above the GF)  
Beirut | Beirut Municipality APR 2017 – SEP 2017
- Rehabilitation and Retrofitting of Jbaily Hospital (110 Beds, All Departments Available)  
Saida | Private Sector AUG 2016 – OCT 2016
  - Part of team responsible for:
    - Design and preparation of tender drawing.
    - Preparation of detailed bill of quantities and specifications.

### ***Technical and Contractual Consultant***

- Rehabilitation of Main Building of Council for Development and Reconstruction  
Beirut | CDR NOV 2019 – JAN 2020
- Rehabilitation of 17 Schools in Lebanon  
UNICEF & MEHE NOV 2019 – JAN 2020
  - Receiving and working on the demands of the administration of CDR.
  - Receiving and working on the demands of the administration of schools, MEHE and UNICEF engineers.
  - Processing receipt committee notes and remarks.
  - Handing over works executed.

### ***Quantity Surveyor / Team Leader***

- Wadi Khaled Public Works (Roads and Retaining Walls)  
Wadi Khaled | CDR & Public Sector JUL 2019 – OCT 2019
- Construction of Khelwat Medical Center (2 Basement, GF, First Floor)  
Hasbaya | CDR & Public Sector JUL 2019 – SEP 2019
  - Calculating quantities based on drawings and as executed on site.
  - Approval of the statements submitted by the contractor.
  - Assist the project manager in completing the comparison table.

### ***Construction Manager - Assistant Projects Manager***

- Rehabilitation of Jbaa Medical Center  
Nabatieh | CDR & Public Sector JUN 2019 – OCT 2019
  - Supervise, monitoring, controlling and receipt rehabilitation works: MEP, architectural and finishing.
  - Site co-ordination, progress at site, instruction and inspection the works.
  - Receiving and working on the demands of the administration of center.
  - Checking the quantities executed on the site on the BoQ.
  - Approval of the submittals (material, shop drawing, time frame ...).
  - Approval of the statements submitted by the contractor.

## ***Technical and Contractual Consultant***

- Rehabilitation of 13 Innovation Lab  
UNICEF, Public Sector & Private Sector MAR 2019 – DEC 2019
- Rehabilitation of UNESCO Building in Lebanon  
Beirut – Bir Hasan | UNESCO JUL 2019 – SEP 2019
- Rehabilitation of 7 Agricultural Schools in Lebanon  
UNICEF & Public Sector MAY 2019 – SEP 2019
- Rehabilitation of 10 schools in Lebanon  
UNICEF & MEHE JUN 2019 – SEP 2019
  - Part of team responsible for:
    - Sites assessment.
    - Detection and establishment of detailed bill of quantities and specifications.
    - Setting tender drawing, BoQ & specifications.
    - Generate descriptive reports.
    - Implement the requests of UNICEF, and / or, the participating societies (Lebanese University, Berytech, Industrialists association ....) In financing the project, reflect this on the budgeted cost and find appropriate solutions within the amount allocated.
    - Explanation to the contractors the works needed in order to be able to pricing.

## ***Consultant / Team Leader***

- Rehabilitation of 44 Schools in Lebanon  
UNICEF & MEHE JUN 2016 – AUG 2016
  - Sites assessment.
  - Detection and establishment of detailed bill of quantities and specifications.
  - Setting tender drawing.
  - Generate descriptive reports.

## ***Rachaya Contracting and Maintenance – Rachaya***

### ***Project Engineer Internship***

JAN 2015 – NOV 2015

- Managed the construction and development for Charrouf Brothers company warehouses over an area of 2200 m2.

## ***MENESSA Metal Company – Rachaya***

### ***Site Internship***

MAR 2014 – DEC 2014

- Monitored and executed structural steel development execution, cranes and steel frames.
- Monitored the industrial process for a project in collaboration with the USAID for making recycle bins and steel frames for a waste recycling plant.

## **REASEARCH & DESIGN EXPERIENCE**

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- Achieved the second place in the "Science Competition", organized by "The National Commission for Science and Research". For our modeling and designation of a special automated wheelchair that can be used by Handicaps to move on stairs.
- Designed a full waste water treatment planting Saida city, South Lebanon, for my senior project, and get the municipality approval.
- Designed an industrial plant and a two lane roadway bridge formed of steel frames structures and reinforced concrete.

## **SKILLS & ABILITIES**

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- Computer savvy with advanced proficiency in a range of programs including Microsoft Office Suite, Etabs, Revit, Primavera P6, Safe, M-Resist, SpColumn, PCA column, Sap2000, and Autocad.
- Solid time management capabilities with the ability to adhere to pressing deadlines.
- Adaptable and flexible with the ability to learn new things with ease.
- Multitasking skills with the highest level of accuracy.
- Ability to deal with all pressures.
- Ability to handle team and assign tasks, team oriented, persuasion.
- High level of customer focus.
- Languages: English, French, Arabic.

## **REFERENCES**

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Available upon request.