



•No. 2040, Rmeil,
Ashrafieh, Beirut
Lebanon

•Voie 13, Byblos,
Mount Lebanon,
Lebanon



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*References available upon
request*

LANGUAGES

Native speaker of **Arabic** and fully proficient in written and spoken **English** and **French**.

INTERESTS

Painting & Drawing

Reading

Travelling

Hiking

Enthusiastic Pianist

Reached Grade 5, and played
for school events.

Social Activity

Beirut Gate LEO Club.

RASSIL HAYDAR

C I V I L E N G I N E E R

PROFESSIONAL PROFILE

A highly motivated and adaptable graduate Civil Engineer, experienced in handling diverse work propositions from designing and developing structure to deploying engineering and infrastructure for software applications. An attentive and driven individual with a positive can-do attitude, adept in managing and designing a system to meet desired needs as well as identifying effective recommendations to develop outstanding projects. Possessing a proven ability to lead a project team and committed to exceeding client expectations. Looking to secure a new and challenging engineer position, one which will make best use of my existing skills and experience and also further my personal and professional development.

EDUCATION

February 2014 – December 2018

Lebanese American University, LB

BE - Bachelor of Engineering in Civil Engineering.

September 2012 – January 2014

Holy Spirit University of Kaslik, LB

Studied Biochemistry.

June 2012

Lycée Franco - Libanais, Nahr - Ibrahim, LB

French Baccalaureate II in Life Sciences.

PROFESSIONAL EXPERIENCE

February 2020 – Present

Khatib & Alami, Beyrout, Lebanon

Jannah Dam and Lake Project – Jbeil Caza, Lebanon

Civil Site Engineer

Main responsibilities:

- Responsible for supervising all the works related to the Rolled Compacted Concrete (RCC) part of the dam: checking temperature of the RCC, Grout Mud Balance test, RCC density using nuclear gauge, Vebe test for workability of concrete, average compaction of the RCC, placement of crack inducers at the joint, green-cut and water removal works, etc.
- Inspection of the conventional concrete works (CVC) of structural elements of the dam: checking reinforcement, safety implementation, cleaning conditions, formwork etc.
- Monitoring concrete slump tests before pouring as well as checking the concrete cylinder tests taken on site.

***Work is currently on hold due to the Corona-Virus Pandemic and the Economic Situation in Lebanon.*

KEY SKILLS

Innate problem-solving of engineering problems, engineering analysis, structure modelling and drawing, design techniques, project management, risk assessments, communication skills, presentation, secondary and primary research analysis, team management, time management, public speaking.

AREAS OF EXPERTISE

Manage on-site observational visits during construction to supervise concurrence with plans.

Compiling data for engineering plans, specifications, cost estimates, reports, etc.

Involved in the planning and design of buildings.

Planning regulations Health & Safety.

Proven eye for detail in documentation - from design concept, through development, to construction.

Technical documents Auto CAD.

SKILLS

Software

Adept and knowledgeable in **Microsoft Office programs (Word, Excel, PowerPoint) - Robot Structural Analysis - SAP 2000, Structural Design and Analysis Software - Plaxis - GPS-X - Cadpet Works - H2O Map Water - Civil 3D - AutoCAD - Primavera - ETABS - SAFE**

PROFESSIONAL EXPERIENCE (CONT.)

October 2019 - January 2020

Khatib & Alami, Beyrout, Lebanon

Jannah Dam and Lake Project - Jbeil Caza, Lebanon

Structural Engineer Assistant - Intern

Main responsibilities:

- Doing a Bill of Quantities for all the concrete works in the dam as well as the BOQ of all the steel reinforcement of the dam (galleries, hydropower intake & outlet, spillway etc...) and update the changes from the latest revised BOQ.
- Preparing the structural reinforcement principle on AutoCAD for walls, slabs, columns, beams and other structural elements of the potable water intake chamber and the mid-level outlet chambers of the dam.
- Design of piles needed to be placed in the project and preparing its detail drawing on AutoCAD in order to be executed.

June 2019 - September 2019

ERGA Group Architects and Consulting Engineers, Dbayeh, Lebanon

KYE Beachfront Resort - Tabarja, Lebanon

The Esplanade Mall - Riyadh, Saudi Arabia

Structural Engineer Assistant

Main responsibilities:

- Design of foundation under basemant wall
- Structural detail drawings os stairs, core walls, shear walls, slabs and columns using AutoCAD.
- Load run down for Post-tensioned slabs and the use of the Structural Point Concrete software solutions (SP Column) to check the capacity of the column.
- Preparing the schedule of columns and the schedule of beams on AutoCAD.
- Preparing the dxf drawings on AutoCAD for 5 to 7 stories buildings and modeling them on Etabs.
- Analysing the results of the 3D model done on Etabs and checking reinforcements and deflection on SAFE.

PROFESSIONAL EXPERIENCE (CONT.)

April 2019 - May 2019

SEC - Sfeir Engineering and Construction, Jbeil, Lebanon

Le Mall Byblos, Jbeil, Lebanon

Site Engineer Assistant - Intern

Main responsibilities:

- Preparing a bar bending schedule BBS.
- Calibrating concrete for slabs, columns and beams from AutoCAD drawings.
- Checking and confirming work being executed according to the design requirements along with site engineer.
- Checking how to place a thin layer of water proofing membrane on top of the concrete slab along with the responsible sub-contractor.

June 2017 - July 2017

Entreprises A. R. Hourie, Beyrouth, Lebanon

First National Bank - Head Quarters, Beyrouth, Lebanon

Structural and Site Engineer Assistant - Intern

Main responsibilities:

- Redesign beams and columns that were already designed by the consultant and under construction in order to improve my learning skills in the domain.
- Preparing detailed shop drawings for columns, slabs, beams, openings, punching shear, core walls and stairs according to the required design specifications.
- Checking and receiving the steel reinforcement of structural elements in slabs, columns, beams, as well as measuring the concrete cover and supervising the shuttering process.
- Checking post - tension slab according to the required specifications (subcontractors for post tension design). Preparing a bar bending schedule BBS with the help of the structural engineer.
- Checking and confirming masonry blocks alignments with site engineer.
- Understanding of the steps of pouring and checking the level and elevation of the formwork.
- Learned how to place the necessary dokka framax around all vertical reinforcements on AutoCAD.

June 2016 - August 2016

Entreprises S. A. M., Beyrouth, Lebanon

Residential Building - Rmeil 2040, Beyrouth, Lebanon

Site Engineer Assistant

Main responsibilities:

- Extensive windows programs skills, and able to use these to input, manipulate, extract and present information.
- Undertaking inspections, data collection and supervising construction of work on site.
- Level headed, diplomatic approach to working with others.
- Able to assist with technical teams, as well as understanding the provided project strategy and directions from site engineer.
- Knowledge of computer drafting software.