

KAMAL SHARIF FARES

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OBJECTIVE

Seeking a position to be able to work and grow professionally by demonstrating and utilizing my skills in dealing with construction issues and engineering systems

EDUCATION

2018 - Present	Rafik Hariri University Senior in Civil Engineering CGPA=80	Mechref, Lebanon
2013 - 2015	Baakline Official Secondary School Lebanese Baccalaureate in Life Science	Baakline, Lebanon

RELATED COURSEWORK

Concrete 1&2: Concepts of design and proportioning sections for strength and serviceability, analysis and design of beams for flexure and shear, analysis for crack width and deflection, design philosophies and process, design of one way solid and joist slabs, continuous beams and one way slabs, design of columns and foundations

Surveying: Theory of errors in observations, leveling, distance measurement, angles, azimuths and bearings, traversing, topographic surveys and maps

Repair of Concrete Structural: Corrosion risk evaluation, protection of reinforcing steel against corrosion, instrumentation techniques, repair materials and techniques, removal and preparation of concrete for repair, crack repair, concrete patching, structure strengthening, and case studies

Foundation & Soil Mechanics Engineer: Characterization of strata; foundation systems; ultimate bearing capacity and settlement of shallow foundations, effect of water table level on bearing capacity; structural design of mat foundations; ultimate bearing capacity and settlement of deep foundations, pile load test. Introduction to geotechnical engineering, studying soil behavior, different characteristics and parameters, identifying its different types

Nondestructive Evaluation & Instrumentation of Infrastructure: Overview on the different types of civil infrastructure, their problems and durability, use of nondestructive evaluation methods to assess their actual conditions, basic NDE methods

Technical English: Ability to write formal and informal reports in all its types in addition to present professionally

Concrete Technology: Cement and supplementary cementitious materials, mechanical behavior of concrete, properties and applications of various specialized concretes, hot weather concreting, cold weather concreting, chemical admixtures, concrete mix proportioning, deterioration mechanisms

Transportation Engineering: Introduction of Traffic Engineering and Highway Design

COURSE RELATED PROJECTS

Spring 2018	Traffic	Parking study for Rafik Hariri University including the expected growth for the future five years
Fall 2017	Concrete 2	Designed a Residential Building
Fall 2017	Soil Mechanics	Tested soil sample, and identified its parameters and its types
Spring 2017	Structural Analysis 1	Designed and Constructed a Popsicle Bridge
Fall 2019	Nondestructive Evaluation	Visiting an old building, investigating and identifying the types of the cracks in it, and testing the strength of its structural elements using Schmitt Hammer
Fall 2018	Hydraulics	Designing a water distribution network of a village using EPANET

EXPERIENCE

2018 – Present	Rawad Fares Surveying Engineering Office	Semkaneye, Lebanon
	Position: Office Assistant	
	Duties: Assisted in AutoCAD drawings, prepared plans, Worked on site	

2017 **Rafik Hariri University** Meshref, Lebanon

Position: Assistant in the College of Engineering
Duties: office work, organized files, typing documents

Spring 2016 **Rafik Hariri University** Meshref, Lebanon

Position: Assistant in the College of Art
Duties: Filed student data, entered data, organized events and workshops

SKILLS

- Excellent knowledge in engineering softwares:
 - **Auto-Cad:** Drawing, sections, elevations plans
 - **SAP & E-tabs:** Seismic analysis, wind analysis, RC design (columns, walls), concept of shear wall system, 3D modeling of building
 - **Adapt builder:** Full building modeling and analysis with design of columns and walls.
 - **Revit:** Creating floors and shafts, detailing and documentations
 - **GIS:** Analysis geographic photos and data
 - **Epanet:** Model water distribution system
- Excellent use in Microsoft Office: **Word, Excel and PowerPoint**
- Familiar with **C++ Programming Language** and **Matlab**
- Ability to work under pressure and meet deadlines
- Ability to grasp new concepts and interpret them
- Ability to work independently and in teams

LANGUAGES

Fluent in Arabic, and English

WORKSHOPS

Fall 2018	Workshop in Revit	RHU
Fall 2016	Workshop in GIS	RHU
Fall 2016	Workshop in Volunteerism & Art & Drama Therapy	RHU

MEMBERSHIPS

Fall 2015 - Present	Member in the American Society of Civil Engineers	RHU
Fall 2003 - 2007	Member in Lebanese Scout Association	Hasbaya, Lebanon

VOLUNTEER WORK

March.2014 Social Work collecting garbage and helped elderly people Chouf, Lebanon

INTERESTS

Swimming, playing football, table tennis, keeping up with new softwares

REFERENCE

Available upon request