Ramzy-hamdan@outlook.com Guildford, Surrey, UK

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| **Ramdan****ramdan.392253@2freemail.com** |  | www.linkedin.com/in/ramzy-hamdan |  |
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**AREAS OF INTEREST**

* Steel and Concrete Building Design
* Concrete properties
* Seismic Design
* Project Management

**TECHNICAL SKILLS**

*Design Softwares (Certified):*

 SAP 2000

 ETABS

 Primavera

 AutoCAD

 MS Project

 GIS

 PLAXIS

 CIVIL 3D

**Profile**

Dedicated young graduate structural engineer, acquires comprehensive knowledge in the design of concrete and steel structures seeking an entry level civil engineer position that allows me to use all my abilities and knowledge that will help your organization in achieving its effectiveness.

**EDUCATION**

|  |  |  |
| --- | --- | --- |
| 2018 - 2019 | MSc Structural Engineering | GPA: **2:1** **(3.7/4)** |
|  | *University of Surrey, UK* |  |
| 2015 - 2018 | B.Sc Civil Engineering | Grade: **83/100** (Very Good) |

*University of Balamand, Lebanon*

**RELEVANT MODULES**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Steel Building Design |  | Concrete Building Design |
|  | Earthquake Engineering |  | Spatial Structures |
|  | Construction Organization |  Durability of Bridges & Structures |
|  Deep Foundations & Earth Retaining |  Structural Mechanics & Finite |
|  | Structures |  | Elements |

 SeismoStruct

 Formian

*Computer Software:*

* Microsoft Office (Word, Excel and PowerPoint)
* C++

**LANGUAGES**

* Arabic (Native)
* English (Advanced)
* French (Elementary)

**INTERESTS**

**PROFESSIONAL TRAINING**

**Site Civil Engineer**

* Advising the subcontractors and workers in any technical advice that they might need during the construction process.
* Check plans, drawings, and quantities for accuracy of the calculations.
* Supervise quality control and ensure that the work was in accordance with health and safety regulations.

May 2017- October 2017

* Solve any sudden technical issues that might happen during construction.
* Submit report upon request
* Check the structural members before pouring any concrete to ensure that they were perfectly prepared as specified.
* Playing Oud
* Scuba Diving
* Social Media

**RELEVANT ACADEMIC PROJECTS**

* MSc Dissertation Project: An Investigation of the Bond between Steel and Fibre Reinforced Concrete *January 2019*
	+ Implemented experimental investigation on the bond between rebars and fibre reinforced concrete in the presence of steel and polypropylene fibres.
* Seismic design for a 10 Stories concrete building in accordance with Eurocode 8.
* Design of Truss structures using Stiffness & Finite Element Methods.
* Design of 5 stories concrete office building in accordance with Eurocode 2 & BS5400.
* Preliminary design for a spatial structure roof.
* Design of 4 stories concrete residential building in accordance with ACI code.
* Site Investigation for some bridges in Guildford, UK and writing assessment reports.

*Reference upon request*