

Civil and Structural Engineers- Earthquake Solutions

Earthquake Solutions provides engineering solutions for structures and infrastructure in different regions

Location: Tripoli, Lebanon

Major: degree in Civil Engineering, or any related field

Experience: fresh graduates are accepted

Major Responsibilities:

- Develop schematic and detailed design including structural drawings, reports and calculations notes.
- Conduct structural analysis and design, while ensuring compliance with industry standards and codes.
- Conduct seismic design and evaluation of new and existing buildings.
- Collaborate effectively with cross-functional teams to deliver high-quality engineering solutions and ensure that all projects progress as planned in order not to cause project delays or budget overruns.
- Perform site visits, inspections and evaluations when needed.
- Develop BOQs, projects cost and required structural component/material quality based on designs.
- Prepare structure's drawings, outline specifications and computer models for building contractors.
- Utilize industry-leading CAD & engineering tools, including ETABS, SAP2000, SAFE, ROBOT, StaadPro, AutoCAD, and others.

Additional Requirements:

- Proficiency in using design and finite element analysis software including ETABS, SAFE, PLAXIS, SAP, Robot Structural Analysis, ABAQUS.
- Knowledge of American Standards including ASCE 7, IBC, AISC.
- Experience in producing 2D/3D structural engineering drawings using Revit and AutoCAD is a plus.
- Seismic design and analysis.
- Structural Concrete and/or Steel Design.
- Parametric design (Rhino 3D, Grasshopper).
- Programming skills (Python, SQL, MATLAB, C++).

How to Apply:

Kindly send your CV or contact the Career Services Center, E-mail: career.services@balamand.edu.lb, Ext. 7801; 7802