



ISAAC is an innovative startup that deals with the analysis, control and seismic protection of existing buildings. Today the company is going through a stage of significant development and expansion. With the aim of supporting this development, we are looking for a professional profile that focuses mainly on the development and realization project of the seismic protection device for existing buildings.

Reporting directly to the Board, the new profile will be placed in the R&D team for the development and realization of the innovative device for seismic protection.

JOB TITLE: Structural engineer

KEY RESPONSIBILITIES:

- 1) Collaborate in defining the functionalities of the ISAAC device;
- 2) In collaboration with the engineer's team, define the work plan and related activities/deliverables to keep track of the results achieved;
- 3) Collaborate in the definition of the project specifications, in particular in the choice of the application cases of the ISAAC system and their FEM modelling;
- 4) Direct the engineer team during the TEST of the device on a real scaled structure.

KEY REQUIREMENTS:

- 1) Perfect knowledge and modelling with SAP2000;
- 2) Great knowledge of Eurocode8 and NTC2018;
- 1) At least 1 or 2 years of experience in analysis of existing buildings;
- 3) Know how to perform seismic vulnerability assessment of existing buildings;
- 4) Great knowledge of the dynamics of structures;

DESIRED SKILLS

- 1) Knowledge of Matlab