

Professional Profile to Hire

PhD in Engineering and Architecture

Activities to be performed:

In liaison with the person in charge of the ID Department, research in the areas related to BIM, integration of life cycle analysis (LCA) in BIM objects and models, VDC - project of construction using virtual reality, Digital Twin models, etc..

Initial Training Area and/or Similar Areas::

Civil Engineering, Architecture, Computer Engineering, Computer Science and related areas.

Qualification Level:

PhD Degree.

Specific professional expertise relevant to the contracting area:

- Relevant research or professional experience within the scope of BIM methodology and Digitalization;
- Knowledge in programming in the context of BIM and in the use of BIM software (Autodesk, Graphisoft, Bentley, etc.);
- Knowledge regarding the standardization context surrounding BIM and the Digitalization of construction;
- Computer skills relevant to the field (Dynamo, etc.);
- Experience in information management in BIM environments;

Other requirements:

- Proficiency in English.
- Professional curriculum that reveals a profile appropriate to the activity to be developed.
- Participation, possibly with positions of responsibility, in research and development projects, and experience in preparing applications for funding programs, national, European and international.

The **application** must be sent to info@builtcolab.pt, mentioning in the title of the email the profile to which you are applying (ex.: Application to PhD in Engineering and Architecture).