

Professional Profile to Hire

MSc in Civil Engineering or Architecture

Activities to be performed:

In connection with the person in charge of the R&I area, develop research in areas related to Digital Twin Technologies (development of decision support systems based on optimization systems, artificial intelligence techniques and database management, etc.), develop research in the areas of applied BIM (development of tools to support automatic modeling in BIM, BIM development from the perspective of sustainability, etc.).

Initial Training Area and/or Similar Areas:

Civil Engineering, Architecture, and related areas.

Qualification Level:

Master.

Specific professional expertise relevant to the contracting area:

- Programming applied to BIM and skills in the use of BIM software (Autodesk, Graphisoft, Bentley, etc.);
- BIM applied to sustainability (Circularity, LCA, etc.);
- Modular and intelligent construction / Modular building systems and prefabrication;
- Digital Twin and management and sensing systems.

Other requirements:

- Proficiency in English.

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 MSc in Civil Engineering or Architecture).