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Structural BIM Coordinator/Computational Designer

Job Description

We are looking for a talented Structural BIM Coordinator/Computational Designer at design level to join our 3d Digital Representation Design team. You will help us to lead the digitalization of the industry by applying and developing cutting-edge design technology.

Main Role Responsibilities

- Assists in the delivery and coordination of engineering, technical and functional client solutions and projects
- Perform complex analysis using computer modelling; making, reading, and interpreting technical material
- Develop new computational tools and design techniques to meet project needs
- Task management and delivery to the highest standards, demonstrating all round technical competence

Required qualifications, skills and knowledge

- Relevant Engineering Degree
- Min. 1-3 year's of design experience in the construction sector, ideally as BIM coordinator
- 3D modelling (preferably in Revit and Rhino)
- Visual Scripting (Grasshopper and/or Dynamo) and/or Coding (C# or Python preferred)
- Experience in the following is not required but would be beneficial: Web development, Analysis Interoperability, Machine Learning
- Technical knowledge of structural and multi-disciplinary design, and an understanding of the engineering project process

Personal qualities

- Able to work independently
- Excellent interpersonal skills, confident, professional and able to negotiate positive outcomes with clients and staff when required
- Demonstrate pride in their work, through high quality and accurate timely delivery
- Be able to work collaboratively with others to form strong positive working relationships
- Ability to organize and prioritize workload to ensure timescales are met
- Ability to work on own initiative, but also seek assistance when required
- Willingness to develop personal skills and basic knowledge in other engineering disciplines
- Willingness to share knowledge and help junior team members in 3d Digital Representation Design