



OPPORTUNITY FOR JOB

CONTACT

If you are interested, please apply by sending your candidacy supporting documents at info@biog3d.gr

JOB DESCRIPTION

SUSTAINABLE DESIGN ENGINEER

Lead the development and benchmarking of end-to-end design process of prototype components for smart building envelope systems, by leveraging design flexibility offered by Additive Manufacturing (AM) technologies.

Job's profile:

- Design functional system components as well as sub-assemblies with specific functionalities for sustainable indoor environment quality improvement, such as air quality, lighting, noise mitigation;
- Develop methodologies based on computational & parametric design principles;
- Run building performance simulations of light, acoustic and other building conditions from data collected in small scale testing;
- Work with all disciplines to obtain accurate input conditions for simulation, or develop guidelines for estimation;
- Participate in projects: day-to-day management, technical implementation activities and reporting, attend project meetings;
- Track project performance, specifically to analyze the successful completion of short and long-term goals;
- Maintain excellent file handling and organization skills;
- Open and collaborative approach in all areas of responsibility.

Basic qualifications:

- BSc in Civil and Environmental engineering, architecture or similar;
- Advanced knowledge and experience of Revit model setup and BIM custom content creation for smart envelope systems & well-being applications;
- Experience with 3D modelling software such as SolidWorks, McNeel Rhinoceros;
- Excellent communication skills and English proficiency.
- 2+ years project management and reporting previous experience;

Preferred Skills and Qualifications:

- MSc Advanced Studies in Computational Design & Energy Building Design;
- 2+ years practical experience in an architecture and/or engineering firm with practices in Energy Building Design & green building rating systems;
- Experience with visual programming software, e.g. Grasshopper 3D;
- Experience with design for AM, materials and processes;
- Experience in leading and contributing to multi-disciplinary teams.

What we offer:

- International working environment;
- Early responsibilities within innovation projects, opportunity to learn & progress;
- Stimulating scientific environment;
- A dynamic environment with enthusiastic colleagues;
- A high degree of responsibility and independence;
- A competitive remuneration package (Depending on relevant background and experience).

Candidates must enclose the following supporting documents in pdf format:

- Cover letter in English;
- Curriculum Vitae in English;
- Transcripts of all relevant academic degrees;
- At least one recommendation letter.