



OPPORTUNITY FOR JOB

CONTACT

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

JOB DESCRIPTION

COMPUTATIONAL DESIGN ENGINEER

Lead the development and benchmarking of end-to-end design process for Additive Manufacturing (AM). Apply computational and parametric design concepts specific to Design for AM (DfAM) using standard commercial software.

Job's profile:

- Design functional system components as well as sub-assemblies to support the development of new products or to improve existing products;
- Create, test and develop design methodologies based on computational and parametric design principles;
- Facilitate communication and develop best practices for DfAM with engineering teams and material scientists;
- Participate in projects: assist in day-to-day technical implementation activities & reporting, attend project meetings;
- Maintain excellent file handling and organization skills;
- Open and collaborative approach in all areas of responsibility.

Basic qualifications:

- BSc in mechanical engineering, industrial engineering, architecture or similar;
- Advanced knowledge and experience of 3D modelling software such as SolidWorks, McNeel Rhinoceros;
- Strong working knowledge of visual programming software, e.g. Grasshopper 3D;
- Experience with Revit model setup and BIM custom content creation for smart envelope systems & well-being applications;
- Excellent communication skills and English proficiency.

Preferred Skills and Qualifications:

- MSc Degree or Advanced Studies in Computational Design and Digital Fabrication;
- 2+ years of experience with applying generative design principles for light-weighting, topology optimization, and lattice design structure
- Project management and reporting previous experience;
- Experience with design for AM, materials and 3D printing processes;
- Excellent problem-solving skills;
- Experience in leading and contributing to multi-disciplinary teams.

What we offer:

- International working environment;
- Early responsibilities within innovation projects;
- Opportunity to learn and 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 and design portfolio;
- Transcripts of all relevant academic degrees;
- At least one recommendation letter.