



## OPPORTUNITY FOR JOB

### CONTACT

If you are interested, please apply by sending your candidacy supporting documents at [info@biog3d.gr](mailto:info@biog3d.gr)

### JOB DESCRIPTION

#### ROBOTICS ENGINEER

Employ a wide range of robot motion planning and computational geometric algorithms for the development of electro-mechanical systems for 3D printers, including custom toolheads, sensors for in-line monitoring and automated functions (e.g. calibration).

#### *Job's profile:*

- Creating automated systems and the software to control them;
- Use a combination of mechanical, electronic, and computer engineering to design, test and develop custom toolheads for open-source 3D printing systems;
- Facilitate communication and develop best practices for custom toolpath generation with engineering teams and material scientists;
- Developing design documents for mechanical parts and final products;
- Participate in projects: assist in day-to-day technical implementation activities and reporting, attend project meetings;
- Maintain excellent file handling and organization skills;
- Open and collaborative approach in all areas of responsibility.

#### *Basic qualifications:*

- Engineering background, Electrical & Computer or Mechanical Engineering;
- Advanced knowledge and experience in CAM Gcode editing and programming;
- Hands on experience in various machining, involving CNC and conventional methods and assembly techniques;
- Experience with programming languages such as C#, Python, MATLAB;
- Experience in microcontroller programming (e.g. Arduino, Raspberry Pi);
- Excellent communication skills and English proficiency.

#### *Preferred Skills and Qualifications:*

- MSc Degree or Advanced Studies in Software Engineering and Robotics;
- 2+ years of proven experience of electro-mechanical systems and mechatronic devices development in a professional setting;
- Familiar with AM processes, understanding of data acquisition and analysis concepts, familiarity with sensor technologies;
- Project management and reporting previous experience;
- 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 & 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.