

BET Solutions is a fast growing SME, founded in 2013. BET develops novel biomedical imaging systems and we want to extend and enrich our products with high-end solutions. We are currently searching dynamic *Product Development Engineer* to join our Product Development team.

The Product Development Engineer will design and develop preclinical device and more specifically electrical and embedded sub-systems. Assignments are broad in nature, usually requiring initiative, originality, ingenuity and excellent problem-solving skills. Knowledge in the selection of various materials and designs for high-end devices are key characteristics of the candidates. Experience in designing embeded systems is a plus.

### **Location**

Athens, you will work in our offices at Agia Paraskevi, EKEFE Demokritos research center.

### **Essential Duties and Responsibilities**

As part of the Product Development team, perform one or more of the following duties as assigned by a Product Development Manager or Team Lead to support the team's goals:

- Serve as a team's electrical engineer for major development projects or multiple simultaneous projects. Ensure that engineering design activities are coordinated per the development procedure.
- Assist in project planning and provide electrical design leadership in project execution.
- Work closely with other engineers, designing with system-wide perspective.
- Lead, participate in or support the following product development activities:
  - Concept, planning, design and execution stages of major new products or product enhancements
  - Prototyping and testing concept designs and initial engineering builds
  - Pilot Production
  - Design reviews
  - Design verification testing
  - Product validation and usability testing
- Research design options and perform experiments to determine potential design feasibility.
- Review product documentation for accuracy including documentation intended for customer use.
- Evaluate product non-conformances and recommend design modifications.

### **Required skills**

B.Sc/M.Sc. in Electrical Engineering or related

1-2 years of experience in device electrical design and manufacturing

Experience with Eagle, Altium Designer or similar

Experience with with Multisim NI or similar

Experience with rapid prototype design and build for proof of concept and usability testing

Experience in programming microcontrolers used in automatically controlled devices

Experience designing parts in 3D-printer.

Good communication skills and team spirit

Ability to produce clearly documented designs and technical specifications

Ability to write well-documented, reusable manuals

Fulfilled military obligations

### **Desired Skills**

SolidWorks or similar CAD tools experience

Experience with CE conforming regulations

Understanding basics of biomedical imaging

### **Benefits**

A challenging position within a fast growing, dynamic and innovative company

Young collaborators, open to share knowledge and very friendly environment

Opportunities to work in international teams and to attend meetings, conferences and trainings