



Product Development Engineer

Reference #: Pro122011-002

Prosolia, Inc. is an analytical instrumentation company providing measurement tools to advance research in the life science, pharmaceutical, environmental, forensics, clinical and materials markets.

Position Description:

Prosolia is searching for creative, energetic and motivated individuals to serve in the role of Product Development Engineer. In this role, the candidate will be responsible for multiple aspects of product development including mechanical design, fabrication, and assembly of prototypes and research and development equipment. Ideal candidates will have strong interdisciplinary engineering experience. Candidates will work with research scientists to design and develop laboratory prototypes and carry these developments through to full product launch.

Responsibilities

- Design and development of research and prototype equipment containing mechanical, electromechanical, pneumatic, and fluidic systems using 3-D CAD tools
- Development of new products and technologies from laboratory and research prototypes
- Collaborate with research scientists to establish product requirements documentation to guide product development efforts
- Lead the transfer of new products from product development engineering to manufacturing
- Analytical design analysis to predict product behavior and verify design requirements
- Creation of detail and assembly drawings and Bill of Materials from 3-D models
- Maintain and manage Prosolia's PLM system
- Interact and manage outside contractors involved with product development efforts
- Other responsibilities as directed by company management

Qualifications

- BS ME degree preferred, other engineering degrees with relevant experience
- 5+ years experience in design of mechanical and electromechanical systems
- Experience in multidisciplinary engineering and systems design
- Demonstrated experience in parametric 3-D design and MCAD (Pro/Engineer preferred)
- Experience in industry standard drafting, dimensioning, and tolerance standards
- Working knowledge of Quality Systems and regulatory requirements (UL, CE, etc.)
- Strong written and verbal communication skills, ability to interact and collaborate with coworkers in a dynamic environment



Location: Indianapolis, IN

How to apply?

Send your CV to jobs@prosolia.com and cite this job posting.