



R&D Engineer Job Posting

WHO WE ARE:

A dynamic, profitable, expanding, pre-IPO company dedicated to the research, innovation, design, engineering, and manufacture of medical surgical devices used to prevent blindness caused by certain diseases and traumatic injuries. We are constantly looking for intelligent, creative, detail- and quality-oriented, hardworking people who are driven to make a difference by what they do.

POSITION SUMMARY:

You are an intelligent, self-motivated, creative, hard-working, detail-oriented, adaptable research and development engineer with a background in mechanical engineering. You are ready to tackle any scale of engineering problem with creative ideas, prototyping of samples, testing, analysis, and improvement. You are interested in the quality and documentation of your finished work because it can have an impact on thousands of people around the world.

REQUIRED SKILLS AND EXPERIENCE:

1+ year experience using Solidworks or 3+ years using other 3D CAD software.
Able to quickly create and test prototypes as proof of concepts.
Able to understand complex manufacturing processes, materials variations, and interactions.
Able to design prototype tooling for new manufacturing processes of small medical devices.
Familiarity with MATLAB, LabWindows, or LabView.
Familiarity with different methods of data acquisition of motion, friction, flex, lubrication, etc.
Proficient at data analysis using Excel or more advanced programs.
Able to write clear R&D reports, manufacturing process documents and qualification procedures.

EDUCATION:

BS with 2+ years work experience.

ADDITIONAL SKILLS AND EXPERIENCE DESIRED:

Experience:

Experience in a medical device and/or manufacturing company.
Experience with pumps, pneumatic regulators, industrial controls, and solenoid valves.

Skills:

Understanding or knowledge of medical devices, quality systems, and/or statistics.
Understanding of physics, harmonics, fluid dynamics, and/or feedback control systems.
Ability to make practical use of simulation software such as COMSOL.
Ability to multi-task and manage individual and team projects.
Strong communications skills, including speaking, use of charts, diagrams, and written reports.
Ability to speak and understand Mandarin is a plus.

Please submit your resume by email to careers@midlabs.com or fax to 510-740-4442. For other open positions and for more information about who we are, please visit www.midlabs.com.