



## **Senior Mechanical Design Engineer**

### **The Company**

NinePoint Medical is a fast-paced medical device start-up based out of Bedford MA. With our recent strategic investment from Merit Medical, we are expanding our product development team. We develop, manufacture and commercialize cutting-edge medical imaging products with a big vision to detect, diagnose, and treat cancer before it becomes cancer. Today's standard of care for diagnosis of disease relies on obtaining a tissue sample and performing costly processing and expert review of tissue sections. Using breakthrough optical imaging technology along with advanced machine learning algorithms, NinePoint Medical will provide treating physicians with real-time diagnostic capability, thus streamlining patient care, reducing cost, and improving outcomes. The research and development team is composed of a small but diverse group of talented electrical, mechanical, optical, imaging and software engineers who strive to make a direct impact on the lives of patients every day.

### **Position Requirements**

We are seeking a talented, hands on and enthusiastic senior level mechanical design engineer, who will be responsible for leading the design through commercialization of mechanical devices incorporating NinePoint Medical's advanced imaging technology. The qualified candidate will be responsible for the concept, design and development of key new products and will become a critical member of the research and development team. The candidate will need to effectively collaborate with a cross-functional team in achieving project objectives.

### **Required Experience**

- 7+ years of relevant experience in Mechanical Design of commercial products and/or optical systems
- Strong background in 3-D Solid Works modeling
- Significant technical contributor to generation of designs and specifications
- Detailed knowledge of mechanism, structural component and electromechanical assembly design
- In-depth understanding of technical aspects of a project at a sub-system level, with strong understanding of system level interface requirements
- Effective written and verbal communication skills as well as presentation skills

### **Key Responsibilities**

- Lead and participate in brainstorming and analysis of next generation mechanical systems
- Work alongside talented electrical, mechanical, optical and imaging engineers to develop innovative mechanical design solutions to real world medical problems
- Innovate and engineer solutions using proven and creative methods
- Recognize and report problems affecting successful completion of project
- Strong customer focus, highly organized, responsible and detail oriented
- Interface with commercial vendors, contractors and consultants
- Self-starter with the desire and ability to work independently, to take initiative on projects and to manage competing priorities
- Proven ability to work as a part of a multi-functional organization
- Clear understanding of the role of engineering in a manufacturing environment

- Ability to handle projects of a moderate to large scope requiring extensive coordination; will be required to handle several assignments (project & process duties) simultaneously

### **Education Requirements**

- BS degree in mechanical engineering (MS preferred)
- Experience with medical device development requirements and standards
- Familiar with FDA QSR and ISO 13485 design control requirements (desired)

### **The Nine Points of Success**

1. Constantly create high quality products that improve patient care
2. Value high quality innovation
3. Be better than industry standard in the quality of our people and the efficiency of our operations
4. Value relationships that build respect and foster team work
5. Utilize good communication
6. Create and maintain a positive work environment that is fun and rewarding to be a part of
7. Cultivate individual responsibility and promote personal and professional growth
8. Value diversity of people and opinion
9. Make a difference