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SENIOR MECHANICAL ENGINEER

At AtriCure, we are dedicated to improving the quality of life by making exceptional surgical devices that provide doctors with alternative methods to perform surgical procedures. Our unique technology allows surgeons to precisely and efficiently ablate tissue during surgical procedures.

Headquartered in the Cincinnati Ohio area, we offer a competitive salary, outstanding benefits package and the professional advantages of an environment that supports your development and recognizes your achievements. We are an Equal Opportunity Employer.

A Senior Mechanical Engineer or Senior Biomedical Engineer is responsible for leading the execution of Product Development projects, including research, development, verification, and validation of the design of the product. Working in a team environment, this individual will lead a single large project or a variety of smaller projects, and will be responsible for: meeting the team project objective; selecting the appropriate design to best meet the design and manufacturing requirements of the product; developing and documenting the design and processes; and fully documenting the verification of the product. This individual will work with Operations, Quality Assurance, Marketing, Outside Suppliers, model makers, and toolmakers. This position reports to the Director of Engineering.

RESPONSIBILITIES

- Lead projects involving product research, design and manufacturing.
- Develop and analyze designs that are simple, cost-effective and reliable.
- Identify new vendors, processes, materials and technologies that can be used to improve product quality and reduce product cost.
- Lead the development, verification, and validation of new designs and manufacturing processes.
- Lead the development, verification, and validation of product line extensions.
- Work with outside suppliers to document, analyze and qualify their manufacturing processes.
- Properly document all work in compliance with AtriCure Quality System requirements.
- Identify and implement manufacturing and product-related cost-reduction opportunities.
- Develop Intellectual Property.
- Work with designers and engineers in the design and development of manufacturing-related equipment and fixtures.

QUALIFICATIONS

- Undergraduate degree in mechanical or biomedical engineering.
- 10 years of experience in medical device or related industries with a solid track record of success.
- Creation of 3-D CAD databases and working knowledge of GD&T.
- Mechanical Analysis including Statistics, dynamics, and FEA.
- Working knowledge of ISO standards, procedures and guidelines and their effect on manufacturing practices.
- Experience in project leadership.
- Experience in the design and development of manufacturing process.
- Experience in statistical analysis and statistical process control.
- Good troubleshooting and problem solving skills.
- Ability to produce clear and concise written documents.
- Microsoft Office proficiency.
- High motivation and ability to work in a fast-paced environment.
- Ability to learn quickly and adapt to changes.
- Ability to work on multiple projects concurrently.

AtriCure, Inc. offers a competitive compensation package that includes base salary and stock options. Our [benefit package](#) is comprehensive and includes medical insurance, life insurance, dental insurance, and 401k.

No phone calls, please.

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