



Product Development Engineer

[Insight Medical Systems](#) Austin, Texas Metropolitan Area

About the job

Insight Medical Systems is a medical device company that develops wearable augmented reality-based tools to help surgeons perform orthopedic procedures. We're upending the market by replacing large, expensive capital equipment with our miniaturized system. This cutting-edge technology provides an opportunity for innovative design as well as growth in a fast-paced small company.

Job Responsibilities:

- Develop mechanical instrumentation for use with Insight's navigation systems for joint replacement
- Prepare manufacturing and inspection documentation, including drawings and inspection procedures
- Produce and evaluate prototypes of new designs in simulated use
- Conduct validation testing on computer assisted surgery systems and components
- Perform light assembly of electro-mechanical devices
- Design fixturing and gaging for product testing and inspection
- Collect and interpret user needs for system enhancements and modifications
- Assist in preparation of project and design control documentation
- Work with team members to ensure product quality and adherence to company procedures and external regulations

Job Requirements:

Required:

- Bachelor's degree in mechanical or biomedical engineering, engineering mechanics, or related field. Equivalent experience may be considered in lieu of a degree for exceptional candidates.
- Minimum 3 years of mechanical design experience
- Strong CAD skills including 3D modeling and drafting
- Familiarity with geometric dimensioning and tolerancing application and interpretation
- Strong communication and interpersonal skills

Preferred:

- 5 years of mechanical design experience
- Orthopedic or other medical device design experience
- Hands-on experience with manufacturing technologies such as milling, turning, and welding
- Gage design experience

Insight offers a competitive benefits package including health insurance, dental and 401(k). If you're ambitious and want to develop exciting products that have a positive impact on people's lives, we want to hear from you.

To apply, please email a cover letter and resume to info@insightmedsys.com