Think Surgical, Inc.

Mechanical Engineer Intern, Fremont, CA

Company Description

Think Surgical Inc., is a pioneer in medical robotics and world leader in image-directed, robotic products for orthopedic applications. The company’s product allows surgeons to plan their surgery using 3-D representation of each patient’s CT images, and then execute the surgical plan in the operating room, exactly as planned.

Job Description

Job Summary:

Think Surgical Inc, the developer of the surgical assistant, is looking for an intern in the mechanical design and manufacturing areas.

Job Responsibilities:

• Study the robot kinematics and dynamics to improve calibration.

• Design and implement tests and tools of new method for robot arm calibration.

• Analysis of robot design features with implementation of production process improvements. Design and build fixtures to aid in manufacturing.

• Release design, specification, configuration, and procedural documents and related bill of materials.

• Follows rigorous design control methodology to document, implement, and verify and validate designs.

Qualifications

• Experience with system dynamics and control.

• Strong knowledge in mechanics.

• Excellent communication and documentation skills.

• Excellent problem solving skills.

• Experience developing test procedures and testing modules.
• Education in mechanical or electrical engineering, or other related field.

• Ability to work well in a cross-functional team environment

**Additional Information**

**Think Surgical Inc.,** offers a fast-paced work environment, very competitive compensation, medical and 401K retirement plan benefits.

We are an equal opportunity employer and encourage diversity.

Apply for this position at: [https://www.smartrecruiters.com/ThinkSurgical/90759315-mechanical-engineer-intern](https://www.smartrecruiters.com/ThinkSurgical/90759315-mechanical-engineer-intern)