

Job Description

Hardware Engineering Intern

Reports to: VP Engineering

The Company

Resonant Medical researches, develops and markets 3D ultrasound image-guided adaptive radiotherapy products. Our goal is to enable fundamental improvements to radiation oncology treatment planning, verification and delivery. Resonant's RESTITU™ platform features significant advances in ultrasound hardware and software imaging to fully harness the advantages of 3D ultrasound for radiation therapy image guidance. The first offering of the RESTITU™ platform is a tumor position verification and patient alignment system, and a wide number of additional products and technologies are currently under development.

Position Description

Reporting to the VP of Engineering, the engineering intern will assume some or all of the following responsibilities over the course of the internship:

- Assist in the design of product improvements
- Assist in the design of special hardware or system features
- Work on the resolution of design or quality issues raised by Non-Conformance Reports through the course of the company's operation by generating creative and effective design solutions, workarounds and improvements
- Assist in the generation of new product or component prototypes
- Be involved in system testing and acceptance
- Contribute to the compliance with the company's quality system through the generation of required documentation and reports, including conducting incoming test procedures, and other in-process quality related procedures
- Be involved in the generation of the required engineering and QA documentation

Position Qualifications

The successful candidate will be a fast learner and an autonomous individual able to adapt to a number of challenges, work styles and processes, with experience in generating creative solutions to problems, and with a definite "can do" attitude.

The candidate will have a background in electrical engineering, with some background in computer science, as well as some level of experience in medical engineering, and/or mechanical engineering. Experience in manufacturing or design operations within the bio-medical or medical device industries is an asset. Ideally, the candidate will have experience in performing and supervising systems integration and assembly in an ISO certified and regulated company. While not being a requirement, the candidate would also have had experience in ISO-based Quality Systems management.

Salary is commensurate with education and experience.