

Hardware Engineering Manager Job Description

Coach and guide an innovative hardware design team, to develop ground-breaking medical imaging products, based on a new technology, Optical Acoustic / Ultrasound (OA/US). Work with a highly motivated and focused team to launch an entirely new modality for detection of Cancer, saving lives, and improving care for women worldwide.

Contribute as an individual, as well as a manager, in this coach-player role. Design critical electronic subsystems and modules, as a lead engineer in addition to being the manager.

OA/US has already provided dramatic results in clinical trials on breast cancer, and has potential to address other types of cancer. Seno Instruments is in an exciting time, early in product development, but with technology already proven in prototype.

Requirements

A minimum of 3 years of experience leading multi-discipline hardware design teams, such as electrical, mechanical, optical, acoustic, materials, process and industrial design.

Experience in a highly regulated industry is highly desirable, industries where quality is essential and which employ rigorous development processes, e.g. medical, aerospace, or automotive. (Medical device preferred).

A minimum of 10 years of experience in electrical engineering product development (including above time as a manager), with experience in one or more of the following:

- Low-noise RF/Ultrasound Receiver design.
- Low-noise and high voltage power supply design and power distribution.
- High bandwidth time sensitive data communication with embedded high performance parallel signal and image processing (e.g. GPU, FPGA).

A Master's of Science degree in electrical engineering.

Ability to clearly communicate complex subjects or issues to colleagues at all levels.

Ability to motivate and influence team members and deliverable owners to meet aggressive schedule goals.

Ability to identify, manage, and retire technical and project risk.