

Senior Electrical Engineer

X-Nav Technologies, LLC
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Responsibilities:

- Design of high quality, reliable medical products.
- Generate design requirements, electrical system architecture, and detailed plans.
- Specify, design, and develop embedded hardware, including:
 - Schematic capture and PCB layout.
 - Failure Mode Effects Analysis and Fault Tree Analysis.
 - EMC and safety compliance to agency requirements.
- Review designs of others for sound engineering practices, risks, & design implications.
- Work in a team environment with the ability to interface with many different engineering disciplines such as software, mechanical, validation, etc.
- Visit customers to understand and experience product use and ergonomics.
- Interface with production, service, sub-contractors, and suppliers during development, design transfer, manufacturing, and technical support situations.
- Execute engineering solutions to an agreed upon schedule within the regulatory structure of a medical device environment.
- Keep informed on electrical engineering methodologies and technologies germane to the industry through personal research, training, and seminars.

Qualifications:

- BS Electrical Engineering, Computer Engineering or equivalent; Master's degree a plus.
- 5+ years of hardware development experience with a solid background in electrical design and engineering concepts.
- Proficiency in medical device product design is preferred.
- Proficient in electrical design & schematic capture, preferably using OrCad / Cadence.
- Experience with the full product development lifecycle: specification, design, implementation, integration, debug, testing, and maintenance.
- Experience in computer vision and/or robotics is a plus.
- Ability to execute several projects at once with limited supervision.
- High energy, self-starter with the initiative to solve difficult problems.

Desired Skills / Abilities:

- Strong analytical and problem-solving skills.
- Understanding of design & development processes from concept to production.
- Ability to synthesize information from multiple sources into robust solutions.
- Proven ability to be creative in the art of electrical design.
- Proficient in Microsoft Word, Excel, Visio, and PowerPoint.
- Excellent verbal and written communication skills.
- Knowledge of the medical device industry and FDA regulations a plus.

Position open immediately. Please submit resume and qualifications to info@X-NavTech.com or call 1-855-475-9628 for more information.