



Electrical Engineer

Description:

Blur is an innovation and product development consulting firm serving the healthcare, consumer, and industrial markets. We hire talented individuals with a passion for delivering results who know how to design, develop and deliver products. Our clients encompass a broad variety of markets and technologies, and we value employees who are versatile and able to quickly adapt to new challenges.

We are currently searching for a Electrical Engineer with experience in product development to join our office in Cary. The ideal candidate will demonstrate a history of creative problem solving, mastery of engineering principles, and practical knowledge of manufacturing processes. Excellent communication and interpersonal skills, and a passion for product development are essential to our team.

Job Type:

- Contract to Permanent

Key Responsibilities:

- Will be involved in projects at all stages, from crafting proposals through design and manufacturing
- Participate in concept brainstorming meetings
- Circuit development and analysis, including schematics and simulation, component specification, BOM development, and sourcing
- Create documentation packages and direct production runs, including PCB fabrication, component supply chain management, and board population
- Test and troubleshoot new and existing electrical designs
- Follow medical device design controls, including design documentation and writing and executing verification test protocols
- Manage and guide third-party standards testing, such as IEC 60601

Skills/Qualifications:

- BS, Electrical Engineering or equivalent, advanced degree a plus
- Versatility will be highly valued, particularly mechanical aptitude and medical device experience
- 3-10 years of electrical engineering experience with embedded products
- Experience in firmware development in C/C++ for microprocessors
- Experience in schematic design, board layout, and troubleshooting electrical circuits
- Proficient in Altium and/or Cadence Allegro design software
- Understanding of current manufacturing methods
- Excellent verbal and written communication skills