



Systems Engineer

PhotoniCare is a fast growing MedTech company with a mission to improve health outcomes using cutting edge technology. We have developed the first FDA-cleared OCT-based imaging system for assisting diagnosis of ear infections, a condition that affects 80% of children.

The company operates with a philosophy of providing a fun, exciting and collaborative work environment for all team members. PhotoniCare makes dedicated efforts towards professional and personal growth of all its team.

As we scale our efforts to extend the benefits of our products to tens of thousands of customers, we are seeking a passionate and talented Systems Engineer to participate in development of the next generation version of our technology.

Key responsibilities

1. System level design and integration for optical coherence tomography system.
2. Enhancing design of TOMi Scope in regards to manufacturability.
3. Leading system level engineering for performance enhancement of TOMi Scope system.
4. Leading electronic design for key components and modules with electrical engineers.
5. Interfacing with opto-mechanical engineers for system-level integration.
6. Computer simulation of performance of important system modules and components.
7. Troubleshooting and leading design changes related to the imaging system.
8. Managing all necessary design documentation as per regulatory requirements.

Key Qualifications

1. Strong background in system level design and manufacturing of imaging systems like optical coherence tomography, confocal imaging etc.
2. Preferred background in circuit design related to optical components.
3. Experience with key simulation software like Altium, Zemax, SolidWorks preferred.
4. Understanding of design, development and documentation requirements for medical devices.
5. Demonstrated capacity to work in teams in a collaborative fashion.

Growth Opportunities

The position falls under technical growth ladder. The candidate demonstrating appropriate performance and skills shall proceed as follows with increasing level of responsibility.

Engineer ☐ Senior Engineer ☐ Senior Engineer II ☐ Principal Engineer

Each promotion step is expected in a period of 12-18 months on demonstration of commensurate performance.