LANTERN

Job posting: Medical Device Engineer

Overview

Come work for a new AI and medical device startup in Northern Virginia, an innovation hub that is home to the biggest technology giants in the world. Lantern was founded in 2017 and is deploying machine vision and artificial intelligence solutions at the device level to bring disruptive products to market. We're working on things you've never seen before. We need pioneers, thought leaders, and problem solvers who attack challenges with creativity and artfulness. We are focused on a mission to build products that are not just impactful, but that save lives with cutting-edge technology.

We offer a full benefits package, competitive salary, and flexible work schedule in a dynamic engineering environment.

We're looking for a senior engineer with medical device experience to help us complete a brand-new product that will support lives in the operating room and enable new life-saving surgical procedures.

Tasks:

- Design, build, and test new concepts related to medical devices.
- Analyze, test, and improve mechanical systems related to pneumatics, humidity / temperature control, gas mixtures, pressure and flow-rate regulation of fluids and gases.
- Design test procedures for the verification and validation of design requirements / design outputs.
- Document and manage assembly and test procedures related to medical device compliance.
- Manage vendors and contract manufacturers through the process of manufacturing medical devices.
- Develop user manuals and training material related to the use of novel medical devices.

- Participate in the management of fielded products, ensuring all quality standards and performance requirements are met.
- Update and maintain documentation as required.

Skills:

- Demonstrated ability to troubleshoot electro-mechanical pneumatic systems, including familiarity with pressure sensors, regulators, temperature sensors, valves, and filters.
- Experience in medical device development or compliance testing
- Experience in robotics, remote sensing systems, or control systems is desired
- Experience writing documentation and maintaining engineering records for medical device compliance
- Motivated maker with demonstrated performance building prototypes or maintaining hobbies outside of work
- Good team player that enjoys working on small teams with lots of overlap between engineering roles

Required:

- Bachelor of Science from an accredited institution in Mechanical Engineering, Electrical Engineering, Manufacturing Engineering, Bio-medical Engineering, Materials Science, or other related engineering discipline is required
- 3+ years experience desired

To apply, email resume to: info@lanternlabs.com

Include all relevant materials and project portfolio. Demonstrations of past performance, such as a website, YouTube page, publications, etc. are encouraged.