



**Position: Electronics/Optics Assembler**

**Job Opportunity: Electronics/Optics Assembler**

*If you are interested in the following position email [robyn.stephens@lumedica.com](mailto:robyn.stephens@lumedica.com) with your resume attached and the subject line, "Electronics/Optics Assembler Application."*

**Company Overview:**

Lumedita, Inc., an emerging biomedical imaging start-up located in Downtown Durham, is at the forefront of developing and building affordable optical coherence tomography (OCT) imaging systems for the research and ophthalmology sectors. We are actively seeking a skilled assembler with a keen interest and foundational understanding of photonics technology and manufacturing. As a pivotal member of our manufacturing team, you will play a crucial role in the assembly, testing, and resolution of technical issues related to our groundbreaking medical and industrial imaging devices.

**Key Responsibilities:**

As an Electronics/Optics Assembler at Lumedita, you will:

- Construct, fabricate, and deliver OCT (Optical Coherence Tomography) imaging systems with precision and timeliness, upholding rigorous quality standards.
- Adhere to detailed instructions for the assembly of components into sub-assemblies, units, or complete systems.
- Skillfully assemble fiber optic and free space optical sub-assemblies and systems.
- Demonstrate proficiency in electrical wiring, cable routing, and adherence to quality standards.
- Employ proper handling techniques for delicate components, including compliance with ESD procedures.
- Collaborate closely with engineering and manufacturing teams to modify and rectify sub-assemblies and systems.
- Thoroughly assess sub-assemblies and finalized systems through testing protocols.
- Methodically document assembly and testing outcomes within the established quality framework.

- Embrace cross-training and flexibility across functional roles based on business and developmental needs.

### **Required Competencies:**

To excel in this role, you should possess:

- A fundamental grasp of integrated systems encompassing mechanics, optics, and electronics.
- The ability to thrive within a collaborative small-team environment.
- Exceptional communication capabilities, both written and verbal.

### **Preferred Skills:**

Candidates with expertise in the following areas will stand out:

- Proficient precision soldering skills.
- Capability to interpret and implement assembly drawings and blueprints.
- Aptitude for wiring and cable harnessing.
- Competence in PC (Windows) desktop operations.
- Experience in troubleshooting RMAs (Returns Merchandise Authorization) for photonic and electronic components.

### **Minimum Qualifications:**

- A minimum of a high school diploma; an associate degree in electronics and/or photonics is preferred.
- Prior experience within the medical device or analytical instruments sector is desirable.
- Familiarity with working in accordance with established quality systems.
- Strong written, verbal, and interpersonal communication skills.

### **About Lumedica:**

Lumedica's mission is to democratize access to enhanced healthcare worldwide by building cost-effective imaging devices. We empower our customers to utilize the imaging capabilities of optical coherence tomography for impactful scientific research and precise patient diagnoses. Established in 2014, Lumedica's origins lie in the pioneering research of Dr. Adam Wax at Duke University's Biomedical Interferometry Optics and Spectroscopy (BIOS) lab. The company culture at Lumedica promotes collaboration and nurtures growth.

**Compensation & Benefits:**

- Competitive compensation based on experience.
- Comprehensive benefits package, including medical, dental, and vision coverage.
- Generous paid time off and holidays.
- Opportunity to participate in our 401(k) plan.
- Eligibility for stock options.

**Equal Opportunity Employer:**

Lummedica is an equal-opportunity employer that values diversity. We do not discriminate against employees or applicants on the basis of race, color, religion, creed, gender, national origin, age, disability, marital status, veteran status, or any other legally protected status. Our commitment to fairness extends to all aspects of employment, including recruitment, hiring, training, compensation, advancement, disciplinary actions, and termination. We are dedicated to providing reasonable accommodation to qualified individuals with disabilities as required by law.

**Position Type: Full-time****Benefits:**

- 401(k) retirement plan
- Dental insurance
- Health insurance
- Paid time off
- Vision insurance

**Work Schedule:**

- 8-hour shifts

**Work Location:**

- On-site presence required.