



Job Title: Engineering Lab Associate

Location: Rochester, NY

Company Overview:

Lumetrics develops and manufactures precision non-contact thickness measurement and optical inspection systems and Shack-Hartmann wavefront sensors for a variety of markets including ophthalmic, medical balloons & tubing, automotive, and laminated glass, AR/VR and beyond. Our OptiGauge and Lumetrics Wavefront Sensor (LWS) family of products provides precision thickness measurement technology, which is fast, accurate, flexible, and scalable to most QA laboratories, R&D centers, or production lines.

To meet the demands of the business, Lumetrics is seeking a qualified individual to join the R&D Department. This position is an on-site, full-time role.

Salary Range: \$55,000 - \$80,000 per year

Essential job functions include, but not limited to, the following:

- Assist Optical and Mechanical Engineering in setting up test benches, conducting experiments, and acquiring performance data
- Support Prototyping efforts by following build instructions or modifying experimental optical assemblies
- Work with and understand Bill of Materials for product assembly
- Mechanical parts assembly and testing
- Lens and optical system alignment
- Write or revise incomplete Build Documentation as required or instructed and communicate revisions to the Engineering Department
- Assist with R&D lab inventory and with sourcing specialized optical components
- Work closely with Engineering Department to diagnose and fix system problems
- Provide cross department support by assisting with manufacturing of optical instruments and system repairs
- Collaborate with Manufacturing Manager and other employees, as required

Qualifications:

- BS in technical-related field or equivalent experience
- 2+ years' experience in mechanical, optical or electronic manufacturing preferred
- Proficiency with Microsoft Word, Excel
- Familiarity with LabVIEW, Python, or MATLAB (mastery not required)
- Proficiency with basic electronic and optical test systems including DMMs and oscilloscopes, optical power meters, and detectors
- Proficiency with digital calipers, micrometers, and other manual inspection equipment
- Ability to read and follow mechanical assembly and part drawings
- Candidate should be conscientious, pay extreme attention to detail, exhibit good observational, listening and public speaking skills, and possess excellent writing skills
- Respect for laser safety protocols is mandatory

In compliance with pay transparency requirements, the salary range for this role is \$55,000 - \$80,000. This is not a guarantee of compensation or salary, as final offer amount may vary based on factors including but not limited to experience.

Lumetrics is proud to be an equal opportunity employer and makes employment decisions based on current need and merit. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran. Lumetrics is committed to treating all employees and applicants for employment with respect and dignity and maintaining a workplace that is free from unlawful discrimination. Lumetrics is an E-Verify Employer.