



Job Title: Optical Engineer

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.

This position is an on-site, full-time role.

Salary Range: \$85,000 - \$130,000 per year

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

- Use electrical, optical, and mechanical engineering principles to design complex automated instruments
- Establish rapport with customers and assist with project/product development
- Understand and build new novel optical assemblies including but not limited to interferometers, imaging systems, illumination systems etc.
- Align and troubleshoot complex optical assemblies and interferometers
- Complete multiple concurrent technical projects on time
- Assist in developing project quotes and timelines
- Acquire and analyze large datasets to determine system performance and prototype feasibility, while maintaining proper data integrity
- Troubleshoot, diagnose, and resolve customer service issues
- Travel domestically and internationally for new project installations or existing equipment support
- Occasionally work "international" hours for customers in different time zones
- Support the Sales, Production, R&D, and Finance departments, as required
- Participate in company strategy meetings, as required

Qualifications:

- BS or higher in an optics related engineering field
- 3+ years' engineering experience, preferably in optics, metrology, or automation
- Experience with 3D printing (FDM, MSLA)
- Proficiency with optical design software such as Zemax
- Familiarity with Matlab, LabView, and other technical applications
- Candidate should be self-motivated, conscientious, pay extreme attention to detail, exhibit strong observational, listening and public speaking skills, and possess excellent writing skills

This position requires in-office presence and does not offer a relocation package. In compliance with pay transparency requirements, the salary range for this role is \$85,000 - \$130,000. 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.