R&D Engineer

US Citizenship or Permanent Residency is Required.

Optikos designs and manufactures the most sophisticated metrology equipment for characterizing the performance of lenses and cameras. The R&D team at Optikos is responsible for updating current product designs and for the development of entirely new metrology instruments. While we have historically picked seasoned engineers to join the R&D team, we have decided that it’s time to recruit some freshly minted talent!

If you are a graduating with a degree in Optics or Physics with a concentration in Optics and have a special affinity for working with hardware then this may be position you’ve been hoping to find. Although the instrumentation we develop is used to measure optical characteristics, the instruments themselves lean heavily on mechanics, electronics, firmware, and software for their operation. We are looking for that student of optics who is proud of their more general engineering skills and wishes that they could find a position with an employer who feels likewise. This graduate will understand that having diverse interests does not also mean that you cannot excel in many different disciplines.

The newest addition to our R&D team will engage in all aspects of the design process, from the writing of specifications based on identifying needs in the marketplace, to assisting with conceiving an appropriate architecture and then working with mechanical and electrical engineers to realize the product. Prototype assembly and testing, specification verification, and the writing of work instructions and user documentation are all within the scope of this position. While we will draw on the particular strengths of our team members (Are you proficient in Python? LabView? Matlab? Have you taught yourself to use SolidWorks? Are 3D coordinate transforms using linear algebraic techniques a particular interest of yours? Do you have strong views on the use of the Oxford comma?), it is also true that this is a position in which learning and honing new skills never stops.

This is a hands-on position. You must love building things and making them work! It's what we do. If this is what you thought your career in Engineering would be all about then talk to us to find out more about this opportunity.

About Optikos – for over 36 years Optikos has built and maintained a reputation as experts in the area of optical/opto-electrical system design, and we routinely design and manufacture new products for customers across all industries. Optikos is also the world leader in the production of metrology equipment for assessing image quality of optics and electro-optical devices (cameras). Our engineering team continues to improve existing product lines and develop new products that Optikos manufactures and installs around the globe.

Optikos is located in Wakefield, Massachusetts. We offer competitive compensation packages along with a challenging and stimulating environment. Please send your resume to: jobs@optikos.com