



3300 Commercial Ave, Madison, WI 53714 | [www.OnLume.com](http://www.OnLume.com)

## Optical/Optomechanical Engineer

**OnLume Surgical** is creating the future of medical imaging devices for image-guided surgery. We are a growing team based in Madison, WI that enjoys collaborative and iterative development. OnLume is seeking an Optomechanical Engineer to join our team.

### Responsibilities:

- Lead the design, development, and testing of optical imaging and illumination systems for next-generation imaging prototypes, processes, and products
- Perform advanced data and statistical analysis to optimize device performance
- Document and transfer product knowledge to our manufacturing team
- Collaborate closely with mechanical, electrical, and software engineers, scientists, and medical professionals
- Optimize and refine imaging instruments
- Contribute to technical activity reports, patent disclosures, conference presentations and external publications, as needed

### The Ideal Candidate Is/Has:

- Experience designing, prototyping, and the transfer to manufacturing of optical imaging systems
- Experience with lasers and LED light sources
- Experience in medical device development and FDA-compliant design controls a plus
- Strong interpersonal and organizational skills
- Good communications skills, both oral and written

### Required Education and Experience:

- Bachelor of Science in optics required, MS/PhD preferred
- 4+ years optical design experience
- Experience in Zemax, CodeV, or similar
- Solidworks experience a plus

### This Job Is Ideal for Someone Who Is:

- Collaborative - enjoys passion-driven teamwork
- Self-motivated - enjoys working independently
- Innovative - prefers working in unconventional and creative ways

### Compensation:

- Benefits include medical, dental, vision, life, and short-term disability insurance, PTO, and holiday pay

**Job Type:** Full-time

**COVID-19 considerations:** Remote work is temporarily optional due to COVID-19.

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**Questions?** Please contact: [careers+0901226@OnLume.com](mailto:careers+0901226@OnLume.com)