Who We Are

Zemax is the leading brand of optical and illumination design software used by thousands of professional optical designers and engineers worldwide, and OpticStudio is the latest edition of Zemax software. We touch nearly every optical system manufactured today, from cell phone cameras to space telescopes to intraocular lenses to lighting systems.

In 1991, Dr. Ken Moore created the original ray tracing code that is the bases on which Zemax was founded. From a staff of 9 in 2011, we’ve grown to over 50 staff globally, with nearly all of our technical team having advanced degrees in Physics or Optics. We have offices in the UK and China, as well as our headquarters in Kirkland, WA, USA.

Today, Zemax, LLC delivers design software, training, and support services that set the standards for the optical and illumination design industry. OpticStudio is unmatched as the preferred design platform for optical and illumination researchers, engineers, designers and students around the world.

Working At Zemax

Zemax recognizes that our biggest asset is something we don’t own at all: our people. We strive to create a fun & open culture that’s collaborative, challenging, and inclusive to attract and retain exceptional people. Without the people, we’re just lines of static code.

We are a lean organization, which means everyone chips in to get things done. We all work hard, but it’s great to be a part of a top-notch team and to know that when you need help, there’s always someone willing to lend a hand.

We are a diverse team, consisting of optical engineers, computational physicists, inside salespeople, key account managers, product managers and more. We hire people with a drive for excellence, who take care of every customer as if they were the only customer, and we’re always looking for exceptional people to join our team. For more about working at Zemax, be sure to check us out on Glassdoor.

4.4

91% Recommend to a friend
91% Approve of CEO
Dr. Mark Nicholson
11 Reviews
Optical Engineer
(Seattle WA area)

Looking for an opportunity to continually learn and strengthen your optical design skills? Want to be a part of a small team but contribute in a big way? Come work with an exceptional team of engineers from whom you can glean all kinds of knowledge and insight into optical design!

Job Description

As an Optical Engineer with the Engineering Services Team, you will provide technical support across a broad range of applications and optical systems, including space telescopes, biomedical instruments, illumination systems, lasers and more. You will interact with engineers and scientists who are the foremost experts in their fields. Your trained eye will be able to spot and balance aberrations, know how to set the PSF grid for image simulation calculations, and quickly and accurately tolerance an optical system for manufacture. While some technical support requests have a straightforward solution, many are complex, requiring a strong background in optical theory and design. In this rewarding position, you’ll get to know people all over the world and hear things like “{Your name here} is AWESOME!!!” or “I really appreciate the prompt help and follow through in resolving my problem. Great customer service!” These are real comments we have received from real customers.

In addition, you get the challenging job of investigating potential bugs in the software and testing new features in each new software release. As you grow into an OpticStudio Master, you'll be given the opportunity to teach training courses, where you will develop other OpticStudio Masters. You'll also give demonstrations to potential new customers, and interact with customers at trade shows and conferences. Eventually, you may even have opportunities to take on custom work, like writing DLLs or macros for customers.

Candidate Profile

While many people may have the right degree or background, to truly excel in this role, you will be:

• Bright and eager to learn. This role will take you to the forefront of your optics knowledge and will push you to learn new things. You're not afraid to say you don't know the answer, and have a track record of going outside your expertise to take on new challenges.

• A "people person". You like working with people, talking to them about the problems they're experiencing and helping them find solutions.

In addition, the ideal candidate will have:
• B.S. degree or equivalent in Optics, Physics, or related field
• Experience with optical design software, Zemax OpticStudio an advantage
• Exceptional written and oral communication skills
• Experience presenting to and/or teaching groups of other optical engineers and scientists
• Strong problem-solving skills with the ability to distill problems down to their simplest form

This position includes a competitive salary that consists of a combination of base salary, bonus and great benefits. You must be eligible to work in the US to apply.

Career Path

We consider the Optical Engineer role the first job you will have with Zemax. A key benefit of joining us at this time is the ability to carve out a niche for yourself and define what your next job in the company will be. Our optical engineers go on to do great things within the company, from identifying future products and features to leading teams of other engineers to developing the physics behind our software as a part of the development team. Regardless of which direction you head, opportunities abound.

To Apply

Please apply through the careers page: https://www.zemax.com/about-us/careers