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 basis 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 Hatsman
Looking for an opportunity to learn and strengthen your optical design skills? Want an internship that has a meaningful impact on engineers and scientists in industry? Come spend the summer 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 engineering intern with Zemax, you’ll start your summer by attending our introductory course OpticStudio 101: Optical System Design, where you will learn all the tips & tricks you need to get you fully up to speed with the latest release of OpticStudio. Following this, you’ll be assigned a design project (typically 2 per intern), where you’ll start with a basic specification and references and be asked to fully design a system that meets those specifications, such as a Heads-Up Display, Short-Throw Projector, or Confocal Fluorescent Microscope. You'll have lots of resources around you to answer any questions, challenge you on your approach, and ensure successful completion of your work. Once you’ve completed your design, you’ll have a design review where you present your work to the team. Each project culminates in live webinar and a Knowledge Base article on our website for Zemax customers who want to learn how to build a system like yours!

Prior interns have said:
“Interesting projects and a good working environment... [Having multiple projects] worked out favorably since it gave me the opportunity to try out different kinds of work. Also, the pacing for the projects was planned well.”

“It is difficult to select one enjoyable part of this internship, as a combination of many aspects made my experience very enjoyable. However, [the] large selection of projects was probably the most enjoyable.”

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 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.
• Fun. Having interns around is a highlight for our organization. You’re someone who likes to be part of a team and enjoys getting to know your coworkers.

In addition, the ideal candidate will:
• Be in Junior year of an Optics or Physics undergraduate program
• Have completed Geometrical Optics or related coursework
• Have exceptional written and oral communication skills

This position includes a competitive salary and relocation allowance. You must be eligible to work in the US to apply. (Student visas are okay!)

To Apply

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