



Internship / Working Student in Rendering-Based Visualization for Medical Applications (f/m/x)

Oberkochen

Step out of your comfort zone, excel and redefine the limits of what is possible. That's just what our employees are doing every single day – in order to set the pace through our innovations and enable outstanding achievements. After all, behind every successful company are many great fascinating people.

Your role

We are seeking passionate and talented students who want to shape next-generation products at ZEISS. Integrated in a team of scientists and research engineers, you will support research projects in digital twins for medical visualization and simulations. Your tasks comprise data modeling and rendering with ray tracing engines and frameworks.

What We Offer

- An opportunity to build the foundation for next generation products
- Mentorship by experienced PhD-level experts
- The possibility of continued employment as a working student for up to 2 years
- The option to write a master thesis (following an internship or working student position)
- A modern work environment with a mix of remote and on-site days

Your profile

- You are enrolled in a bachelor's or master's degree in computer science specializing in computer graphics or similar
- You are interested in applying cutting edge technology and motivated to work on challenging tasks
- Experience in rendering, specifically ray tracing
- Experience in modeling geometry is a plus
- You have a computer science background with very good coding skills in C++ and python
- You are willing to collaborate and work in interdisciplinary teams
- Good communication skills in English and/or German
- You are willing to learn and explore with a high degree of initiative and creativity

In a spacious modern setting full of opportunities for further development, ZEISS employees work in a place where expert knowledge and team spirit reign supreme. All of this is supported by a special ownership structure and the long-term goal of the Carl Zeiss Foundation: to bring science and society into the future together.

[Join us today. Inspire people tomorrow.](#)

Diversity is a part of ZEISS. We look forward to receiving your application regardless of gender, nationality, ethnic and social origin, religion, philosophy of life, disability, age, sexual orientation or identity.

[Apply now! It takes less than 10 minutes.](#)

Your ZEISS Recruiting Team:

Franziska Gansloser, Selina Safradin