



SeeReal Technologies GmbH is a privately held company developing next-generation technologies in the field of 3D displays. We are acknowledged for our disruptive 3D display technology solutions. Our goal is to set a new market standard for electronic displays.

To strengthen our research and development team we require a motivated, experienced and innovative

## Senior Optical Designer / Senior Scientist R&D (m/w)

Coherent optics / Imaging optics

### Tasks / Responsibilities

- Optical system and component design for holographic display applications in direct view and projection
- Development of concepts, optical designs, theoretical models and their realization with the help of calculations, dedicated software, custom programs, simulations, experimental set-ups and prototypes
- Modeling, evaluation and characterization of concepts and designs as well as components, processes and complete systems using state-of-the-art techniques or new proprietary solutions
- Definition, planning, budgeting, realization, coordination and control of projects
- Understanding, recombining and improving state-of-the-art, creating unique new solutions
- Creation, review and evaluation of ideas, patents and scientific documents

### Qualifications

- Physicist with major in optics; PhD very welcome
- Knowledge and professional experience in optical design and simulation (ideally in the field of coherent optics or holography, e.g. diffractive optics, micro-optics, waveguide optics, classical optics, active modulators, lasers)
- Experience using optics simulation software (e.g. ZEMAX, VirtualLab, jcm-suite)
- Programming skills for simulation, analysis, and evaluation (e.g. Matlab, C)
- In-depth knowledge of technical and physical optics
- Fluent in English; preferably also fluent in German
- Several years' working experience

### Characteristics

- Self-motivated pace setter, getting things done
- Creative mind with common sense, practical and organizational skills
- Logic mindset, able to work with and to find solutions for complex problems
- Excellent specialist with good understanding of state-of-the-art in optics and technology
- Independent and reliable worker with team spirit

We are looking for a personality who has had responsibility in similar positions.

We offer work in a highly-motivated, experienced, well-spirited and young-minded team, appropriate salary, plus excellent living conditions in the beautiful city of Dresden.

Please send your complete set of documents (PDF welcome) to:

SeeReal Technologies GmbH  
Attn.: Hagen Stolle  
Sudhausweg 5  
01009 Dresden, Germany

phone: +49-(0)351-4047 32-0  
e-mail: [jobs@seereal.com](mailto:jobs@seereal.com)  
[www.seereal.com](http://www.seereal.com)

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