

Master Student – Diffractive Optical Elements and Holograms

XRnanotech is an award-winning Swiss deep-tech startup specializing in advanced X-ray optics and nanotechnology. Our innovative solutions are at the forefront of research, industry, space, and telecommunications, driving breakthroughs that shape the future of optical applications. Join our dynamic team and contribute to pioneering projects that make a global impact.

Engage in an exciting project that combines manufacturing with advanced calculations of diffractive optical elements and holograms. Collaborate with software and lithography machine manufacturers to enhance precision and efficiency in optical element production.

Responsibilities:

- Develop and fabricate diffractive optical elements and holograms.
- Perform advanced calculations to optimize optical designs.
- Work with partners to integrate software and lithography technologies.
- Document processes and contribute to technical reports.

Your profile:

- Background in Optical Engineering, Physics, Nanotechnology, or a related field.
- Experience with diffractive optics and holography.
- Knowledge in optical design software and lithography tools is a plus.
- Strong technical and analytical skills.
- Team player in a multicultural working environment.
- Fluent in English, German is a plus.
- Possibility to obtain a Swiss working permit.

We offer

- Short decision-making paths and flat hierarchies.
- Collegial corporate culture.
- Freedom for your ideas.

For any questions, feel free to contact Jan Erjawetz, Director of Optical Lithography, via email.

If you are passionate about nanotechnology and eager to contribute to cutting-edge projects, we invite you to apply. Please send your application, including your CV and relevant transcripts, to jan.erjawetz@xrnanotech.ch.

Join XRnanotech and be a part of our journey to innovate and excel in the field of optics and nanotechnology!

