Master Student – Compound Refractive Lenses

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.
We are seeking a dedicated Master's student to help develop X-ray compound refractive lenses using advanced materials such as diamond, silicon, and polymers. This role focuses on process development and the optimization of design and fabrication methods for high-performance lenses.

Responsibilities:

- Develop and refine fabrication processes for compound refractive lenses.
- Optimize lens design for enhanced optical performance.
- Conduct experiments and analyze data to improve lens quality.
- Collaborate with the research team to integrate new materials.
- Document processes and contribute to technical reports.

Your profile:

- Background in Optical Engineering, Physics, Nanotechnology, or a related field.
- Knowledge of optical systems.
- Knowledge of cleanroom work is a plus.
- Strong analytical and experimental 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 Dr. Florian Döring, CEO, via email or phone at +41 56 310 5597.

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 florian.doering@xrnanotech.ch.

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