

Master Student – Capillary Optics

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.

Help us achieve breakthroughs in capillary optics manufacturing. With current market options being limited and costly, your work will focus on developing cost-effective and high-performance alternatives, opening new market opportunities.

Responsibilities:

- Investigate and develop new manufacturing processes for capillary X-ray optics.
- Optimize existing methods to reduce costs and improve efficiency.
- Research to understand and enhance optical performance.
- Collaborate with engineers and scientists to implement new solutions.

Your profile:

- Background in Optics, Physics, Engineering, or a related field.
- Understanding of capillary optics and interest in manufacturing processes.
- Interest in laboratory work.
- 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!

