



We are looking for a dedicated individual to join our team as soon as possible as a
Process Development Engineer R&D (m/f/d)

Your role

Your expertise will drive the development of groundbreaking freeform optical elements, encompassing everything from conceptualization to process optimization. This role demands a blend of creativity, technical prowess, and a deep understanding of the physical principles underlying photonic devices.

Your tasks

- Innovate and develop fabrication methodologies for micro-optical elements using our state-of-the-art 3D lithography platform.
- Conduct simulations and research to explore new fabrication strategies, ensuring their viability for production-scale implementation.
- Design and implement rigorous testing procedures for quality control of optical assemblies and elements.
- Collaborate with software and application development teams to transition new processes to our customers, enhancing their adoption of our technology.

Your profile

- A Master's or PhD in Optics, Electrical Engineering, Physics, or a related field.
- An analytical approach to testing and evaluating optics, integrated optical circuits or electro-optical devices.
- While not all are required, possessing one or more of the following skills will be beneficial:
 - Experience in the design, fabrication, or testing of optical components.
 - Proficiency in developing fabrication processes for photonic devices.
 - Skilled in simulating photonic devices using tools like Zemax, Lumerical, Comsol, or similar.

Your application

Please send us your detailed application with curriculum vitae, references, certificates, and salary requirements by e-mail to jobs.vanguard@mycronic.com.

