



We are hiring

SuperLight Photonics, Leading Innovator in Super Continuum Generation Lasers, is hiring:

Photonics Application Development Engineer

Location

This Application Development Engineer role will be based in Enschede, The Netherlands.

Are you an industry leader in photonics with a desire to drive innovation in the ever-evolving field of supercontinuum generation lasers? Do you have the experience, vision, and hands-on approach to take on the challenging and rewarding role of Application Development Engineer in a thriving start-up? Are you a creative thinker with the desire to hone your out-of-box thinking skills?

If so, we want to hear from you!

About Us

We are a market-leading company at the forefront of photonics technology, specializing in supercontinuum generation lasers and photon-IC (PIC). As a small but rapidly growing organization, we value creativity, initiative, and collaboration. Our team of seasoned professionals is dedicated to pushing the boundaries of technology, and we are seeking a like-minded individual to join us.

About the Application Development Engineer role

As an Application Development Engineer, you will be reporting directly to the CTO. Your role will be critical in ensuring the successful development of our applications, demoing and developing our products, including:

- Collaborate with cross-functional teams to understand customer requirements and design photonics-based applications that showcase the advantages of our products.
- Work with the CTO to develop, test, and optimize application-specific solutions using our photonics technologies.
- Create application demos for application validation projects.
- Accompany the CCO to provide in-depth technical background during customer meetings, to establish partnerships and to highlight the technical benefits of our products.
- Work with the CMO to create white papers, application notes and event demos.



- Work with the entire team to generate application inputs.
- Stay abreast of industry trends and advancements in photonics applications to contribute to product enhancements.

What we are looking for

- Education: Master's degree or higher in Integrated Photonics or related field.
- Minimum 3 years of experience with integrated photonics devices and/or optical imaging, sensing, ranging products.
- Proven experience in developing and implementing photonics applications.
- Strong laboratory skills in devising, implementing and executing optical experiments.
- Solid understanding of laser physics, detector physics and electronics.
- Cross-disciplinary understanding of optics in relation to chemistry, materials science, or biology is a plus.
- Self-motivated hands-on approach: willingness to engage directly in all aspects of operations.
- Proactive understanding: the ability to anticipate needs and act decisively.
- Creative thinker and problem solver.
- Effective communication and interpersonal skills to collaborate with both technical and non-technical teams.
- Presentation skills, not shy about public speaking and participating in conferences.
- Experience in writing academic publications, reports, or white papers showcasing results.
- Comfortable in a fast-paced start-up environment.
- The job requires that the candidate lives in or close to Enschede, The Netherlands.
- This role requires a minimum of 4 days office/lab presence.

What we offer

- Competitive salary: reflecting your experience and qualifications.
- Innovation culture: the opportunity to work with cutting-edge technology.
- Professional growth: continuous learning and development within a supportive team.
- Flexible work environment: we value balance and offer flexibility to meet individual needs.

Join us in shaping the future of photonics and contributing to our continued success in the global market. If you possess the expertise, passion, and determination that we are looking for, please send your CV and cover letter to elly.schietse@superlightphotonics.com.



SuperLight Photonics is committed to diversity and encourages applications from all qualified candidates, regardless of age, gender, ethnicity, or disability.



SuperLight Photonics only works with pre-qualified recruitment agencies.