



LIGENTEC is a young and dynamic company located in Lausanne, Switzerland, near EPFL, close to the shore of Lake Geneva. We are manufacturing **Photonic Integrated Circuits (PICs)** for customers in high-tech areas such as Quantum Technologies, LiDAR, Space Technologies and Biosensors. LIGENTEC All-Nitride technology enables our customers to develop their products in the industrial revolution 4.0.

To support our continued growth, we are looking for a:

Senior PIC Engineer Integrated Photonics

Your responsibilities:

- Lead and coordinate advanced photonic integrated circuit development projects
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- Support application engineering and sales with technical assessments and simulations.
- Interface with the fabrication, process engineering and test teams.
- Documentation and reporting.
- Contribute to patent applications and proposal writing.

Your profile:

- MSc or PhD in photonics or related fields.
- Minimum of 7+ years of hands-on experience in integrated optics design and simulation.
- Solid understanding and practical experience with different material platforms (SiPh, InP, SiN, SiO₂) is a strong plus.
- Practical experience with heterogeneous integration and optical I/O is a plus.
- Advanced experience in Lumerical or similar simulation software.
- Experience in compact modeling, is a plus.
- Free space optics experience is a plus.
- Open-minded, communicative, critical thinker.
- Solution and goal-oriented.
- Ability to work in a team and independently.
- Working proficiency in English.

We offer:

- A flexible and dynamic start-up work environment
- A highly international, diverse and highly motivated team
- Personal responsibility in your job and the chance to grow with us
- Our passion to bring PICs to everyday life.



Activity rate: 100%

Place of work: Ecublens, EPFL Innovation Park

Start date: as soon as possible

How to apply:

We look forward to receiving your full application using reference 2330-DE, including 1) your CV, 2) a statement of interest (relating the position to your skills) and 3) grade or work certificates to hr@ligentec.com. Non complete applications may not be considered. We do not accept CVs by recruitment agencies.