



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:

Process Technician

Wafer Fab - Integrated Photonics / Semiconductor / MEMS

Your responsibilities:

- Execute independently complete process flows for prototype and small-scale fabrication runs for photonic integrated circuits in all technical areas (lithography, thin film, etching and back-end).
- Perform quality control using metrology tools and collect and document data for the statistical process control (SPC)
- Compile test data and generate quality reports
- Carry out handling and packaging of sorted chips
- Manage stock of raw materials and fabricated goods
- Support the process engineering team with the execution of standard and special process steps and characterization work.

Your profile:

- A technical education (e.g. Physics Laboratory Technician) or equivalent by experience.
- Minimum 5 years of hands-on experience in a cleanroom environment, tool operation, maintenance, and safety in a wafer processing setting (Semiconductor, MEMS, Solar or Photonics), preferably in an industrial environment.
- Passionate about microfabrication technology and enjoy working with state-of-the-art equipment.
- Ability to independently execute a process flow with minimal supervision.
- Highly reliable, meticulous attention to detail, cleanliness, tidiness and a strong work ethic.
- Work residence permit for Switzerland or EU citizenship.
- Working proficiency in English, French is a plus.

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 every day's 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 2327-PT, 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.