



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 Engineer

Integrated Photonics, Nanoengineering

Your responsibilities:

- Execute prototype and small-scale fabrication runs at the CMI clean room for photonic integrated circuits in all technical areas (lithography, thin film, etching and back-end).
- Support Ligentec process engineering team with the execution of standard and special process steps and characterization work for R&D work orders.
- Perform quality control, SPC data collection, modelling, reporting & action propositions.
- Process improvement projects for yield improvement and defect reduction
- Troubleshoot and solve on site fabrication problems
- Validate new tools and processes

Your profile:

- Min of 3 years experience in a relevant environment with hands-on experience on clean room processes such as lithography, dry etching, PVD or CVD.
- Industrial working experience is a strong plus
- Master or PhD in electrical, chemical, physical or nano engineering
- Experience with Six Sigma, SPC and general quality tools is a strong plus.
- Open minded, communicative and with critical thinking. Solution and goal oriented.
- Ability to work in a team and independently.
- Working proficiency in English. Good command of French is a plus.
- Work/residence permit for Switzerland or CH / EU citizenship.

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 (CH), EPFL Innovation Park

Start date: as soon as possible

How to apply:

We look forward to receiving your full application using reference 2209-PE, 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.

