

LIGENTEC is a young and dynamic company located in Lausanne, Switzerland. We are manufacturing Photonic Integrated Circuits (PIC) 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.

We are looking for an:

## Integrated Photonics Fabrication Intern

### Your responsibilities:

- Work with production team, on yield improvement and defect reduction projects, such as; photolithography, dry etching, wet etching, thin films
- Collect and analyze metrology data of the fabrication process
- Document project results

### Your profile:

- Photonics, Physics or Electrical Engineering background
- Being familiar with fabrication processes such as lithography, dry/wet etching, thin film deposition
- Hands on experience of working in the cleanroom environment is a plus
- Knowing how to operate SEM, AFM is a plus
- Open minded, communicative, critical and innovative
- Working proficiencies in English
- Work/residence permit for Switzerland or Swiss/EU citizenship.

### Benefits:

- A young, dynamic, flexible and fast paced start-up
- Financial support
- Excellent work environment

**Activity rate:** 100%

**Place of work:** EPFL Innovation Park, Lausanne Switzerland

**Start date:** August 2021

**Period of the internship:** minimum 6 months

### Sending of applications:

We look forward to receive your applications, including your CV and a statement of interest to [hr@ligentec.com](mailto:hr@ligentec.com)

