



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 Operator

### Your responsibilities:

- Perform lithography and etching operations of thin films following an established process run card
- Collect in-line metrology (film thickness, resistance, structure dimension measurements and etc.) of the fabrication process
- Perform operations in a reproducible and consistent way
- Work as part of the team and coordinate work with Production and R&D team engineers

### Your profile:

For this position, we are looking for a person with technical cleanroom skills to join our team of fabrication with the following profile:

- HES level education or equivalent
- Hands on experience of working in the cleanroom environment
- Being familiar with fabrication processes such as lithography, dry/wet etching, thin film deposition
- Knowing how to operate SEM is a plus
- Responsible, open minded, communicative, critical and innovative
- Working proficiencies in English

Our company is based in Lausanne, Switzerland, close to the shore of Lake Geneva. We are a highly international, young and dynamic team, speak English at work and love to bring photonics integrated circuits to every day's life. Being next door to the top rated Swiss Federal Institute of Technology, we have regular collaborations and exchange on a very high technical and scientific level or just enjoy the lifestyle of the vibrant city of Lausanne.

**Activity rate:** 100%

**Place of work:** EPFL Innovation Park, Ecublens

**Start date:** immediately or to be defined

### Sending of applications:

We look forward to receiving your applications, including your CV and a statement of interest to [ccs@ligentec.com](mailto:ccs@ligentec.com) with the subject title "2003FO".

