

LIGENTEC is a fast-growing deep-tech European company with headquarters in Lausanne, Switzerland. Since 2021 we expanded to France with our R&D and operations center in the South of Paris. We specialize in the design & manufacturing of Photonic Integrated Circuits (PICs) for customers in high-tech industries 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 an:

Intern - Process

Integrated Photonics, Nanoengineering

Your responsibilities:

- Carry out assigned tasks as per engineering team's instructions, ensuring efficient nanofabrication process operations.
- Collect in-line metrology data throughout the fabrication process, contributing to process analysis and enhancements.
- Collaborate with R&D and production teams, actively participating in the exploration of new materials and processes, working closely with R&D and characterization engineers.
- Plan, execute, and document experiments, aiding in refining processes and advancing innovations in nanofabrication.

Your profile:

For this position, we are looking for a person with an interest in gaining experience in the area of data science to join our process team:

- Currently enrolled in a Master in a relevant discipline such as Photonics, Electronics or Physics.
- Hands on experience on clean room processes such as lithography, dry etching, etc.
- Background in micro/nano, electrical, chemical engineering or physics.
- Open minded, communicative, critical, and innovative.
- Flexible in working on different tasks and with different teams.
- Working proficiency in English.
- Work/residence permit for Switzerland or EU citizenship.

Benefits:

- Dynamic and fast paced start-up
- Financial support
- Excellent work environment

Activity rate: 100%

Place of work: Ecublens (VD), Switzerland

Start date: Spring 2024

Period of internship: minimum 6 months

Sending of applications:

We look forward to receiving your applications, including your CV and a statement of interest to hr@ligentec.com with 2404-IP in the topic.

