

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 - Test & Characterisation

Integrated Photonics, Nanoengineering

Your responsibilities:

- Characterize optically and electro-optically Photonic Integrated Circuits (PICs)
- Conduct quality assessment of PICs for process control monitoring (PCM)
- Conduct data analysis and reporting
- Address ad-hoc test-requests and validate packaged PICs
- Maintain and calibrate regularly the optical characterization setup

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 team:

- Master's student with a background in Photonics, Semiconductor Physics or Electrical Engineering
- Hands-on experience of work in an optical lab
- Very good coding skills in Python and/or Matlab
- Open-minded, communicative, committed and innovative
- Working proficiency in English
- Work/residence permit for Switzerland or Swiss/EU citizenship.
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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 2402-ID in the topic.

