

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:

Characterization Intern

Integrated Photonics

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:

- 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.

Benefits:

- A young, dynamic, flexible and fast paced start-up
- Financial support
- Excellent work environment
- Our passion to bring PICs to every day's life!

Activity rate: 100%

Place of work: Ecublens (VD), Switzerland

Start date: Fall 2023

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 2309-IT in the topic.

