

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 Characterisation Intern

Your responsibilities:

- Characterization of Photonic Integrated Circuits
- Data analysis and reporting
- Maintenance and calibration of PIC characterization setup

Your profile:

For this position, we are looking for a person with an interest in gaining experience in the area of photonic integration to join our team of characterization and optics and with the following profile:

- Photonics, Physics or Electrical Engineering background
- Proficiency in Python and/or Matlab
- Hands on experience of work in an optical lab
- Experience with simulation software (Lumerical) is a plus
- Open minded, communicative, critical and innovative
- Working proficiencies in English

Benefits:

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

Activity rate: 100%

Place of work: EPFL, Innovation Park

Start date: beginning 2021

Period of internship: minimum 6 months

Sending of applications:

We look forward to receive your applications, including your CV and a statement of interest to ccs@ligentec.com

