LIGENTEC is a young company located in Lausanne, Switzerland that is specialized in Photonic Integrated Circuit fabrication for linear, nonlinear and quantum optical technologies in applications areas ranging from telecom, life sciences and space. We are looking for a

**R&D Engineer intern or Master student with emphasis on Optics**

The candidate will work on photonic integrated circuit PIC testing and at high optical power (chip to optical fiber).

**Tasks:**
- Calibrate and work with the optical characterization setup
- Perform PIC characterization and data analysis of the results
- Statistical data analysis
- Improve the measurement throughput of the setup
- Documentation and reporting
- Reporting to CTO.

**Profile:**
For this position, we are looking for solution-oriented candidates with the following profile:
- Photonics, Physics, Micro / Electrical engineering or Material Science background
- Knowledge in fiber optics and lasers is a plus
- Excellent technical problem solving skills
- Open minded, communicative, critical and innovative
- Matlab coding skill
- Working proficiencies in English

**We offer:**
- A young, dynamic, flexible and highly motivated start-up R&D environment
- Excellent laboratory conditions
- Financial support for up to 6 months
- Possibility to continue as a full time employee, after completion of studies and project

**Activity rate:** 100%
**Place of work:** EPFL Innovation Park, Lausanne
**Start date:** immediately or to be defined

**Contacts:**
For complementary information, please contact Michael Geiselmann per e-mail: info@ligentec.com

**Sending of applications:**
We look forward to receiving your offers, by email only with a statement of interest, a curriculum vitae, and copies of certificates and references.