



LIGENTEC is a young and dynamic 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 LIDAR, artificial intelligence, telecom, life sciences and space. We are looking for a

Application Engineer in Integrated Optics

The candidate will work on photonic integrated circuit (PIC) simulation and testing

Tasks:

- Photonic simulation of novel integrated photonic devices
- Photonic simulation for customer support
- Build and maintain PIC characterization setup
- Perform PIC characterization and data analysis of the results
- Negotiate with suppliers
- Collaboration with industry and research partners
- Independently define and manage R&D projects internally as well as with external partners to achieve fixed objectives
- Documentation and reporting
- Reporting to management board

Profile:

For this position, we are looking for solution-oriented candidates with the following profile:

- Minimum 2 years experience in integrated optics
- Hands-on experience with optics, optical systems and PIC applications
- Photonics, Physics, Micro / Electrical engineering or Material Science background
- Excellent technical problem solving skills
- Open minded, communicative, critical and innovative
- Advanced experience in Lumerical or similar simulation software
- Working proficiencies in English

We offer:

- A young, dynamic, flexible and highly motivated start-up R&D environment
- Permanent contract

Activity rate: 100%

Place of work: EPFL Innovation Park, Lausanne

Start date: immediately or to be defined

Sending of applications:

We look forward to receiving your offers, by email (info@ligentec.com) only with a statement of interest, a curriculum vitae, and copies of certificates and references.

