



LIGENTEC is a young and dynamic European company with headquarters 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 build our team in our newly opened Paris site we are looking for a:

Mask Design Engineer

Integrated Photonics

Your responsibilities:

- Responsible for the customers tape-out and design submission
- Perform mask assembly and floor planning
- Perform quality checks and DRCs
- Develop and maintain automation scripts (DRC, mask assembly, post layout scripting)
- Interface with the mask house, the fabrication, process engineering and test teams.
- Support application engineering with technical assessments
- Support R&D with layout of PIC components, test structures and complex circuits.

Your profile:

- Engineering degree in relevant field
- Hands-on experience in mask data preparation
- Experience with Linux, Python and/or Ruby
- Photonics experience is a strong plus
- Layout experience with IPKISS - Luceda is a strong plus.
- Experience with L-edit, Calibre, Synopsis - OptoDesigner and OptoCompiler is a plus
- Open minded, communicative and with critical thinking.
- Goal oriented and driven to work on the next generation photonic technologies
- Ability to work in a team and independently.
- Work/residence permit for France or French/EU citizenship.
- Working proficiency in English and French

We offer:

- A flexible and dynamic start-up work environment.
- A highly international, diverse and highly motivated team.
- Personal responsibility in your job and the chance to grow with us.
- Our passion to bring PICs to every day's life.

Activity rate: 100%

Place of work: Corbeil Essonnes, France

Start date: as soon as possible

How to apply:

We look forward to receiving your full application using reference 2208-LE, including 1) your CV, 2) a statement of interest (relating the position to your skills) and 3) grade or work certificates to hr@ligentec.com. Non complete applications may not be considered.

