

Photonics Packaging Engineer

Deeplight is a privately held high-tech spin-off company, founded in 2021 by researchers from the Swiss Federal Institute of Technology in Lausanne, Switzerland (EPFL) and from Karlsruhe Institute of Technology (KIT), Germany. We specialize in developing frequency-agile laser sources and optical frequency combs with ultra-low phase noise based on advanced photonic integrated circuits. Our technology base enables us to cater to scientific, industrial, and consumer markets with significant economic potential, directly powering advanced applications such as optical communications, distributed fiber sensing, FMCW LiDAR, and quantum computing.



Job Description

- Development of photonic packaging of hybrid-integrated optoelectronic devices using semi-automated industrial grade equipment
- Thermal and mechanical engineering of photonic assemblies
- Management of supply chain and assembly planning according to production demand
- Setting up assembly operations as a pathway for industrial volume manufacturing

Your Profile

You enjoy an autonomous work environment where you can take ownership and make a difference and are eager to continue independent learning. Beyond a curious and open mind and a sense of accountability for your work, candidates should possess the following qualities:

- MSc or PhD in optical or photonics engineering or adjacent field
- Experience with assembly of semiconductor lasers and optoelectronics and/or silicon photonics packaging using active alignment
- Experience with CAD modeling, mechanical/thermal engineering of hybrid assemblies
- Experience with programming languages for automation such as LabView/Python/Matlab
- Industrial experience is preferred

We Offer

- A place where you can develop your skills in a growing team committed to Agile methodologies with the room to take ownership and to bring in your ideas
- Continued learning, both through on-the-job training and formal training
- Competitive compensation and a flexible and inspiring work culture, in the beautiful location of Lausanne, Switzerland

Position Details

Activity rate: 80-100% | **Place of work:** Lausanne, Switzerland | **Start date:** As soon as possible

Application

Apply here using the online form: <https://deeplight.fillout.com/joinus-switzerland>

Important: Only candidates with Swiss, EU, or EFTA citizenship will be considered.

Note to recruitment agencies: Without a prior written and signed agreement, all candidate submissions will be considered direct applicants with no agency fees.