

Insolight SA - Solar modules with record efficiency

WORKSHOP & LAB INTERNSHIP

Who are we:

Insolight is a start-up working in the field of optical systems for solar energy harvesting and illumination applications. The company's core technology is a planar micro-tracking system, that can redirect and concentrate light coming from various incident angles (for more information, please check our websites www.insolight.ch & www.insolight-lighting.ch).

Objectives:

As Insolight's development moves forward, we are currently building a suite of prototypes to test and validate new iterations of its design of solar modules and luminaires.

Profile:

We are looking for a candidate with a strong desire to make an impact on the environmental challenges of today and is motivated to work in a dynamic start-up environment, in a close collaboration with Insolight team members. This project can be a cornerstone for the company!

Your tasks will be to help along in building prototypes, designing, and executing lab tests. As you will be brought to use various tools (power tools, soldering iron, 3D printer...) we are looking for someone with good hands-on skills and a very practical mindset. While your main tasks will be within our workshop/laboratory or on the pilot site, you will also need to formalize your work with reports and helping in the design phase.

Deliverables:

- Construction of multiple prototypes
- Suggest improvements at every stage
- Design lab tests (electronics, mechanics, encapsulation, ...)
- Executing and reporting on lab test

Knowledge/Skills:

- Strong technical background
- Good knowledge of workshop skills and machines (soldering, drilling, assembling, ...)
- Practical mindset to solving on-the-job problems
- Communication and ability to work in a team
- Creativity in finding solutions
- Flexibility & initiative

Education: either completed or in completion

- HES Diploma in a Technical field

or

- Federal Diploma of Vocational Education and Training (CFC) / Professional baccalaureate in a Technical field

Duration: 6 months at 100%

Remuneration: 1750 CHF brut per month

Location: EPFL Campus

Contact: Please send your application to: careers@insolight.ch