

<b>Job description – Insolight SA</b>	
<b>Title:</b>	<b>Reliability Engineer</b>

### Overview:

Insolight is a start-up working in the field of solar energy harvesting and illumination applications. The company core technology is an innovative solar panel with record efficiency (for more information, please check our website [www.insolight.ch](http://www.insolight.ch)). The company is backed by several private investors and public grants.

We are looking for a person that is highly motivated to work in a fast-paced start-up environment. You would be working in a dynamic and passionate team on the EPFL campus.

### Objectives:

Insolight is currently qualifying its solar panels, to make them compliant with PV qualifications norms. We are currently seeking a Reliability Engineer for the following tasks:

- **Reliability test plan:** Definition and management of the qualification plan according to operating conditions and relevant industry norms (IEC6215, 61730, 62670), taking into account our product's specific features. Coordinate internal and external tests.
- **Design for reliability:** Analyse aging tests results and provide inputs on the product design and assembly methods to enhance the modules durability.
- **Certification:** Coordinate discussions with norms representatives to integrate our modules in the standards, both for power rating and qualification tests.

### Knowledge/skills required:

- Several years of experience in PV reliability and characterization
- Experience with PV installations
- Excellent knowledge of PV norms (IEC 6215, 61730, 62670)
- Excellent knowledge of materials and architecture used in other PV panels.
- Experience in coordinating multiple industrial partners / suppliers
- Experience with optical materials and processes is a plus
- Experience with assembly methods is a plus
- Network among the PV industry is a plus

**Conditions:** to be discussed.