

R&D opto-mechanical design engineer (H/F)

The company:

CAILabs SAS

Website: www.cailabs.com

Address: 38 boulevard Albert 1^{er} - 35200 RENNES



Recruitment manager:

Anne Lozachmeur

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The company

Created in 2013, the start-up CAILabs offers innovative photonics solutions thanks to its light-shaping technology. CAILabs develops and commercializes solutions for telecommunication networks, LAN's and industrial laser processes. In 2016, the Japanese operator KDDI set a world record for fiber optic flow using CAILabs' components.

The position

Within the R&D (research and development) department, under the responsibility of the CTO (Chief Technical Officer), you will oversee mechanical development projects.

As a cross-functional position, you will oversee the specification, development, and implementation of mechanical and opto-mechanical systems within the framework of the numerous R&D and engineering projects. The nature of the systems to be constructed requires skills in mechanical sizing, thermal sizing, micromechanics...

Your main duties will be:

- Participating in the drafting of new product specifications with the department experts (optical, electronic, computing...)
- Carrying out studies, sizing, mechanical design and prototyping for different projects
- Managing the subcontractors and suppliers and coordinating the work of the mechanical project's various contributors
- Providing and updating technical documentation (plans, specifications, procedures, files, design folders) during industrialization and developmental phases
- Leading trials and experiments on performance validation
- Delivering progress reports to the CTO

Profile

Required skills:

- Engineering degree or equivalent in mechanical design
- Experience: 3+ years as an engineer
- Skills in opto-mechanical design, micromechanics, thermal modeling
- Command of CAO software (SolidWorks or equivalent)
- Command of different product development phases from the prototype to industrialization
- Skills in experimental implementation

Preferred skills:

- Sense of teamwork and innovation-oriented
- Fluent English

Salary and benefits

- Fast-growing, innovative, photonics start-up
- Young and dynamic team
- Attractive remuneration, based on experience
- Position based in Rennes

Contract: permanent

Start: immediate

Date of offer: 13/07/2017