



Talent driven
culture.

Laser Engineer (Portugal)

Ref.^a T20245

Our client is a start-up company based in Lisbon with focus on the development of HW/SW solutions for high-end applications that aims to ease the access to the space sector through the integration of advanced technologies into known systems and applications.

The company is hiring a **Laser Engineer with knowledge and experience in laser and optical simulation to work on the improvement of a proprietary microchip laser for commercial purposes and ESA projects.**

Location: Lisbon, Portugal

Work Regime: Hybrid

Accountabilities:

- Working on the advancing the development of a proprietary microchip laser from TRL 4 to TRL 6 for commercial purposes and/or ESA projects.
- Participating in research and development activities to explore new laser technologies and potential space-related applications.
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- Troubleshooting any issues during the testing of the laser system.
- Providing technical support to internal teams and customers as and when necessary.
- Documenting the design specifications, test procedures and results.

You will work closely with cross-functional teams, including professionals with vast experience in the aerospace sector. Seek guidance and mentorship from senior team members to enhance skills and knowledge.

If you meet the above requirements, please send your application via email: careers@qsr.consulting with reference to T20245_Rec_Laser Engineer

Requirements & Qualifications:

- Master's degree in Physics Engineering, Electronics and Telecommunications Engineering or a closely related field.
- **At least 1-2 years of experience in a professional setting.**
- **Knowledge in laser and optical simulation (example: zemax and LASCAD).**
- Experience in solid state laser development (1550nm and 1064nm).
- Experience with Optics and Photonics laboratory work.
 - Optical alignment.
 - Knowledge in handling Optical Components (mirrors, lenses, optical mechanics, laboratory, alignment lasers).
 - Laser characterization measurements.
- Keen eye for detail and production of high-quality work.

Languages

- Fluent English both written and spoken.

Offer:

- Career development opportunity.
- A chance to interact with a highly specialized and motivated team with a lot of know-how in the space industry.
- Wage package appropriate to the presented experience.

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