



Embedded Software Engineer, based in Luxembourg

Odysseus Space is looking for a full-time embedded software engineer, who will help Odysseus Space to achieve its goal of building the orbital data grid. The engineer will join our headquarters in Luxembourg and be part of the embedded software department. Fluency in English, theoretical and hands-on experience in software engineering are required for the position.

About us

Odysseus Space opened in Luxembourg in 2019 and is developing its Cyclops™ laser communication as a service solution to its customers. Our mission is to build the orbital data grid, to bring lightspeed connectivity from Space to ground. We are searching for motivated professionals to join our young & international team to work on the next-generation commercial products that will shape the space missions of tomorrow.

Responsibilities

- Developing, debugging, testing, and verification of laser systems embedded software, in interaction with the rest of the team and in direct supervision of a senior engineer.
- Development, debugging, testing and validation of software ground support equipment.
- Participate in the development of internal software tooling.
- Documentation writing and review.

The right candidate

- Has at least 5 years of relevant professional experience.
- Holds a master's degree in software engineering or equivalent.
- Demonstrates exceptional attention to detail, takes pride in high standard execution of tasks.
- Has experience in C/C++ for bare-metal and OS-hosted applications.
- Has experience with real time operating systems.
- Has experience or is willing to have experience with version control systems.
- Has experience in fast prototyping and testing, in interactions with the rest of the team.
- Be familiar with Linux-based environments.
- Is familiar with Microsoft Office Suite & Teams or can learn fast.
- Is an excellent verbal & written communicator in English, with great interpersonal skills.
- Has experience writing quality technical documentation.
- Is willing to work in a fast-paced start-up environment.
- Has a citizenship from a member state from EU/ NATO.



What we offer

- **Competitive Compensation:** Including a comprehensive stock options plan, so you share in our long-term success.
- **Generous Paid Time Off:** 40 days of paid holidays, including 29 annual leave days plus 11 public holidays, to recharge and enjoy work-life balance.
- **Daily Support & Perks:** Lunch vouchers to make your day-to-day comfortable and convenient.
- **Professional Growth:** Access to career development trainings, conferences, and continuous learning opportunities to support your growth.
- **Relocation Assistance:** Comprehensive support to help you settle in comfortably.
- **Cultural and Fitness Activities:** Free language courses and sport programs to support a healthy and balanced lifestyle.
- **Flexible Work Environment:** We offer flexible working hours and the option for remote or hybrid work to fit your personal and professional needs.

How to apply

- Send your resume and motivation letter to: hr@odysseusspace.com