System and Operations Engineer

LMO SARL is a company based in Luxembourg developing innovative technologies for Vision-Based Space Situational Awareness (SSA) Systems to support future missions for In-Orbit servicing and dual-use applications (civil and defence). LMO SARL is involved in the design, development, verification, build, test, and operation of its space-borne systems and does so through collaboration with major research and industrial players in the field of Computer Vision including AI solutions.

Position Summary

The System & Operations engineer will be responsible for the mission planning and development of the ground segment at LMO SARL. This includes analysing the customer and mission needs, implementing and testing all components of the ground segment and participating in functional validation activities in robotics labs.

You will develop a deep understanding of the flight SW and the associated hardware and IT systems to define the operational scenarios, prepare the test cases and conduct validation activities.

You will also interact with customers to understand their needs, support the integration of our computer vision system, train their operations team and contribute to the definition of new products developments.

Location

Technoport – Belval, Luxembourg

9, Avenue des Hauts-Fourneaux, L-4362, Esch-sur-Alzette

Capabilities we are looking for

- Masters degree (MSc) in Aerospace Engineering or equivalent professional experience
- A first experience on a space mission
- Knowledge mission planning
- Experience in testing and validation
- Proficient in coding (Python) and SW versioning systems (git)

Things that are a bonus, but not a must

- Understanding of computer vision and/or machine learning
- Familiar with ESA standards and protocols (ECSS, PUS, data interfaces)
- Experience in spacecraft operations
- Understanding of spacecraft AOCS principles

What we offer

- Work autonomy (low management overhead)
- International environment
- Flexible hours, hybrid work
- Fast career evolution
- Engagement with the Space and Machine Learning communities (Academia, Space Agencies, conferences, etc.)

Salary Information

For this role the base salary expectation, depending on experience, is between 70,000 and 90,000 EUR per annum for a 40-hour work week. This includes 26 days annual leave.

Contact Information

Email: info@lmo.space

LMO is an international space company with employees with different backgrounds, cultures and views. As a space company we understand that the challenges we face can only be met by collaborating, sharing our different insights and working together towards a common goal.

Decisions related to hiring are discussed openly within the company, and we provide equal employment opportunities to all qualified candidates and employees.

This job description represents how our team currently envisions the needs for the position in the company, however we value different insights and therefore are open to any candidate which partially fills the requirements and who can bring new insights to apply!

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