

## System and V&V 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

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The System and V&V engineer will be responsible for the Verification and Validation (V&V) activities at LMO SARL. This includes planning and coordinating software tests, functional tests and qualification test campaigns. They will also contribute to the system activities such as architecture design, concept of operations, interface definition, follow-up of mechanical design and manufacturing, assembly, integration, and test activities. They will interact closely with the engineering team (technical lead, Computer Vision engineers, SW developers, GNC engineer, etc.) to verify the system requirements and prepare projects deliverables and milestones.

### Location

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Technoport – Belval, Luxembourg

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

### Capabilities we are looking for

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

### Things that are a bonus, but not a must

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

### What we offer

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- Work autonomy (low management overhead)

Date: 28<sup>th</sup> September 2023  
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- International environment
- Flexible hours, hybrid work
- Fast career evolution
- Engagement with the Space and Machine Learning communities (Academia, Space Agencies, conferences, etc.)

#### Conditions

For this role the base salary expectation, depending on experience, is between 55,000 and 75,000 EUR per annum for a 40-hour work week. This includes 26 days annual leave.

#### Contact:

Please contact LMO via:

[info@lmo.space](mailto:info@lmo.space)