ANYWAVES

SPACE, UNMUTED

JOB OFFER

System Engineer (M / F)

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About Anywaves

Anywaves is an international space technology company specialising in antennas, RF electronics, embedded software, avionics and integrated payload subsystems for satellite missions. Building on more than 25 years of engineering heritage, we bring together complementary expertise from our teams in Toulouse, France, Hautcharage, Luxembourg, and Austin, Texas. From design and project management to testing, industrialisation and production, we develop high-performance technologies for commercial and institutional customers worldwide. Our solutions support satellite communication, navigation, Earth observation and other demanding space applications, from individual products to complete RF payload subsystems.

With more than 120 employees representing a wide range of nationalities and technical backgrounds, Anywaves combines the agility and close collaboration of an entrepreneurial company with the capabilities of a growing international group. Joining Anywaves means contributing directly to ambitious space programmes, solving complex technical challenges and helping shape the next generation of satellite technology.

Key Responsibilities:

- Positively influence projects teams to participate in system design activities.
- Develop system engineering process knowledge, documentation and contribute to the QMS.
- Be responsible for products' system development consistency and coherency.
- Coordinating technical activities with customers, partners, project teams and suppliers.
- Prepare documentation according to applied space engineering standards.
- Establish and manage requirements at all levels.
- Manage internal and external interfaces (payload, ground segment, launcher, etc).
- Define analyses boundary conditions and validate reports.
- Perform trade-offs analyses.
- Define integration, verification and validation plan.

Job Requirements:

- Experience in Space Telecommunication Engineering.
- ESA documentation experience & ECSS.
- Experience with functional analysis/specification tools.
- Experience with requirements writing and management.

- Excellent communications skills both written and oral.
- Strong analytical and problem-solving skills.

Preferred Skills:

- Fundamental skills in Telecommunication and Electronics.
- Basic skills in FPGA (SW/FW), Mechanics, Thermal.
- Provide a fresh approach and when appropriate question existing procedures, tools and methods with out of the box approach when relevant.
- Strong quality awareness will be appreciated.

Who We Are Looking For:

- Master of Science degree is required (preferably in Telecommunication, Electronics, Software).
- Previous experience in systems engineering (space application preferred).
- Over 5 years relevant experience required.
- Synthetic, coherent and consistent mindset.
- Excellent team-working skills.
- Fluency in English is mandatory, French or German are strong assets.

We invite you to submit your CV and cover letter, showcasing your motivation for the position and positive impacts to the company to **jobs@anywaves.lu**. Expose and demonstrate how your skills align with the job requirements to make a meaningful impact.

Start: as soon as possible
Contract type: Permanent
Location: Hautscharage, Luxembourg
Compensation: According to profile