



Electronic Engineer

Description of the Company

Since 2016, ODYSSEUS Space aims at increasing the flow of goods and information in the Solar System. For this purpose, the company is developing cost-effective technologies such as laser communication and autonomous navigation.

The technologies developed by ODYSSEUS can already address the small satellite constellations markets while paving the way for future applications in the Space Resources Utilisation value chain.

Active in Luxembourg and Taiwan we are looking for motivated professionals to work collaboratively with a young, international and talented team on what will be the space technologies of tomorrow.

Description of the Job

As an Electronic Engineer part of ODYSSEUS Space team in Luxembourg, you will be working on the design, manufacturing, testing and validation of our free-space optical communication terminal product (CYCLOPS).

The CYCLOPS transceiver offers compact, secured, high bandwidth communications to Space actors, expanding drastically their information exchange capabilities around the Earth and beyond. This versatile system enables both, inter- satellite and space-to-ground laser communication.

At least 5 years of professional experience in Electronics design, manufacturing and testing is needed (both in digital and analog electronics). Complementary experience in software, signal processing or communications are strong advantages for the job.

ODYSSEUS Space can offer a competitive salary and fast career development opportunities to the candidate.

Role

- Analog and digital full life cycle prototyping (definition to validation)
- Embedded system hardware architecture design
- Hardware and EMC debugging
- Close collaboration with embedded software development and system engineering
- Use of simulation tools for design and analysis of digital and analog circuits
- Preparation of the documentation for design reviews.

Must have

- At least 5 years of professional experience in electronics (analog/digital)
- Experience in product development
- Experience in prototyping and testing
- English proficiency



- Experience in both working independently and as part of a team
- The will to participate in a start-up adventure
- The will to learn new skills
- Highly organized and capable of planning and guiding complex technical work
- Strong oral and written communication skills

Nice to have

- Master degree/PhD in any relevant field, or equivalent
- Experience in embedded software and FPGA firmware design
- Experience in any other design field (Software, mechanical...)
- European Citizenship

Contact

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