Electronics Test Engineer, Small Satellite Subsystems

We are looking for a candidate to join our assembly, integration, and verification (AIV) team and support AIV activities of our subsystems for small satellites.

You would take the full or partial responsibility of **AIV activities on our subsystems as well as work on the design and continuous improvement of our automated test architectures** (including active participation in test hardware, software, and procedures). You would work closely with the subsystem design team to understand, recommend, and implement changes that would improve the testability of our subsystems.

Essential skills
- Familiarity with electronic systems, circuits, and hardware design.
- Comfort with electrical schematics, PCBA layout and component selection.
- Prior electrical lab experience (use of multimeters, oscilloscopes, power supplies etc.).
- Practical experience with building, modifying, and debugging electronic hardware.
- An intermediate level of software development skill (scripting, SCPI, Python etc.).
- Proficient English language skills.
- A careful and thorough work attitude with attention to detail.

Strongly valued skills
- Knowledge of build-for-test design and automated testing principles.
- Previous experience with test procedures, reports, AIV plans and requirements for space.
- Prior usage of Altium or similar ECAD tools.

Key responsibilities
- Participate in the design, development, and maintenance of a general testing architecture to test and verify our range of small satellite subsystems (power control, communication, computer modules, thrusters).
- Work on developing an automated testing setup in hardware and software within that architecture to support all the development, qualification, and acceptance test campaigns.
- Feedback on the design of flight modules to the design teams to improve their testability.
- Assist in preparing and executing test campaigns on components, prototypes, and flight models.
- Manage and maintain the data captured during tests run.

What we can offer in return
We offer you the chance to participate in the production of subsystems that will enable a new class of missions in low-earth-orbit and beyond. You would take on a valuable role in a new, revenue-generating company, with a mandate to focus on technical design and implementation with an aggressive development schedule featuring rapid hardware iterations. You would be working closely with experts in other satellite subsystem domains and contributing to their designs.

Contract Type, location and conditions

This is a full-time CDI located in Belvaux, Luxembourg with occasional travel possible. The role is open to candidates of any age, gender, orientation, that have or can get work authorization within the EU. We encourage applications from people even if they do not have all the desired skills listed!

Is this you? If so, apply via the online form here: Job Application Form