



Junior Space Systems Engineer

Start-up description

SPiN is a leading provider of modularity solutions for the space sector. It offers satellite integration solutions to transform satellites into modular systems, empowering satellite manufacturers to spend high-value time and money where it counts: pursuing new ventures. More information about SPiN can be found at <http://www.spinintech.com/>.

Job purpose

The space systems engineer will be part of the foundational engineering team in the UK, working closely with the SPiN's engineering teams across Europe. SPiN UK focuses on R&D, and this role will support system design, development, and implementation of satellite integration concepts using the MA61C adapter. The position will involve designing, developing, and testing novel ways to integrate and program spacecraft with a wide range of components and payloads.

Duties and responsibilities

- Support in analysis and consolidation of user requirements.
- Flow down of user requirements to system, subsystems, and software requirements.
- Support in the management of budget and gap analysis.
- Tradeoff between requirements.
- Support in the design of space systems and avionics concepts.
- Definition of Assembly Integration and Testing (AIT).
- Support in the management of production and assembly of electronic components.
- Execution of validation and verification plans.
- Perform integration, assembly, and testing of the unit.
- Verify results comply with requirements.
- Write test reports.

Qualifications

- MSc in Aerospace Engineering or Electronics with experience in space.
- With experience in electrical and electronics systems.
- Knowledge of satellite avionics.
- Experience with Matlab/Simulink or similar programming languages is an advantage.
- Experience working with test and debugging tools is an advantage.
- Ability to write technical documentation.
- Fluent in English.

Working conditions

- Working at the Harwell campus in Oxfordshire, UK.
- Start date: Q2 2024

Please fill in the application form to apply for this opportunity: <https://wkf.ms/3rlgV6x>
For more information, you can contact us at hr@spinintech.com