



Experienced Avionics Engineer

Start-up description

SPiN is a space company specialized in spinning technology from other industries into the space sector. Its core solution is a plug and play adapter to integrate satellites like Lego and reduce cost and time of satellite manufacturing. SPiN's solution is a Multipurpose Adapter Generic Interface Connector (MA61C), a universal adapter that connects any sub-system to any spacecraft platform. The MA61C adapter eases the MAIT process and provides a friendly interface directly to the sub-system during assembly and integration of the satellite. More details about MA61C can be found at <http://www.spinintech.com/>

Job purpose

The system engineer will be part of the system engineering team of SPiN Inc in the US. The engineer will be responsible for system design, development and implementation of spacecraft design concepts using MA61C in collaboration with commercial companies and governmental agencies.

Duties and responsibilities

- Breakdown of existing system concepts
- Research for new technologies and system design concepts
- Integration of existing systems to new concepts
- Proposal writing
- Assessment of technical budgets in proposals
- Requirements definition and consolidation
- System design, development, and trade off, including subsystem and interfaces
- Preparation of Test Descriptions, Test Procedures, and Test Reports
- Documentation and Customer support

Qualifications

- MSc in Aerospace engineering or other equivalent degree with focus on space
- At least 5 years of experience in system design in the space domain
- Experience with project proposal writing
- Experience working with system engineering tools
- Willingness to Travel
- Independent work and good teamwork
- Fluent in English

Working conditions

- Location: USA, work from home, follow on by work from West Coast/South west regions
- Start date: Q1 2021

Please send CV and motivation letter to: ma61c@spinintech.com