Electrical AIT Engineer, Satellite Systems

Integrate and verify satellite avionics

Job Information

Recruiter
Cornerstone Recruitment Japan K.K.

Job ID
1623236

Industry
Other (Manufacturing)

Job Type
Permanent Full-time

Location
Tokyo - Other Areas

Salary
Negotiable, based on experience

Refreshed
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General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
None

Minimum Education Level
High-School

Visa Status
Permission to work in Japan required

Job Description

Location Tokyo, Japan

Job Type Permanent full-time

Work Style On-site

Experience 3+ years

English Professional communication skills

Japanese Preferred

Take electrical and avionics hardware from subsystem integration through spacecraft-level verification. You'll join an international manufacturing and engineering team and work hands-on with satellite hardware, test automation, and technical

troubleshooting.

Responsibilities

- Lead electrical assembly, integration, and testing of satellite subsystems.
- Integrate avionics and electrical hardware and verify hardware-software and communications interfaces.
- Develop and improve Python-based automated tests. Investigate integration issues and follow through on corrective actions.
- Support environmental testing and design and production readiness reviews.
- Write test procedures, integration plans, and engineering reports for colleagues across engineering, manufacturing, and operations.

Apply through CareerCross.

Required Skills

Required Qualifications

- At least three years of hands-on electrical integration, testing, or production experience with complex engineering systems.
- Strong electrical and avionics knowledge, especially satellite electrical architecture, and experience in system-level verification.
- Hands-on experience with anechoic chamber testing and radiated performance verification.
- Working knowledge of Python for test automation and data analysis. Familiarity with hardware-in-the-loop testing, environmental testing, and configuration management.
- Ability to investigate technical issues across engineering disciplines and communicate professionally in English.

Preferred Qualifications

- Aerospace, satellite, avionics, or other high-reliability hardware experience, including satellite payload or RF testing.
- Design for testability or manufacturing. Familiarity with Jira, Confluence, Lean, or Six Sigma.
- Japanese communication skills.

Company Description

Confidential client