Senior System Test Engineer

Description

WHAT YOU'LL DO Create, maintain electrical system test strategy, and test plans for various UAV and Ground Control products. Conduct electrical compliance and robustness testing such as MIL-STD-704 and MIL-STD-461. Design and deploy electrical system integration test benches. (Iron Bird/Copper Bird/Lab Car). Support on vehicle level to component level test requirement decomposition. Analyze and drive coverage and analysis of failures observed in integration and system level testing. Integration testing of electrical subsystems and functionality. Leverage data analysis and existing tools to reproduce and characterize failures. Develop and maintain test standards, design, and develop test equipment or procuring and handling purchased test capital equipment to support test readiness. Support environmental reliability testing (HALT/HASS) efforts on PCBA and LRU level. Support validation of automated test systems. REQUIRED QUALIFICATIONS Bachelorâ[?][?]s degree in Electrical/Electronics, Computer, Mechanical Engineering, or related fields 5+ years of relevant industry experience with emphasis on hardware validation and integration testing Familiarity with hardware development life cycle, reliability, and compliance testing General understanding of engineering concepts, principles, and theory with technical experience demonstrating the application of those concepts while ensuring safety and regulatory compliance Familiarity with Python and/or MATLAB for data parsing and data visualization Familiarity with electronics test equipment such as power supplies, electronic loads, oscilloscope, function generators, data acquisition and measurement sensors Familiarity with environmental testing such as MIL-STD-704 and MIL-STD-461 Strong root cause analysis skills Excellent written, verbal, interpersonal and communication skills Ability to travel to and work at remote sites supporting test integration, commissioning and training as required Must be able to obtain and hold a U.S. Top Secret security clearance PREFERRED QUALIFICATIONS 10+ years of relevant industry experience Pursuing a Masterâ[?][?]s of Science or PHD in Electrical Engineering, Electronics Engineering Mechanical Engineering, Computer Science or related field Experience with firmware integration, vehicle level validation and debugging Demonstrated knowledge of regulatory compliance standards Please mention the word **JUBILATE** and tag RMjE2LjI0NS4yMjEuOTE= when applying to show you read the job post completely (#RMjE2LjI0NS4yMjEuOTE=). This is a beta feature to avoid spam applicants. Companies can search these words to find applicants that read this and see they're human.

Contacts

Job listing via RemoteOK.com

Hiring organization
Anduril Industries

Job Location
Costa Mesa, California, United States

Base Salary
$ 60000 - $ 110000

Date posted
April 25, 2024

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