



Hardware Engineer

Position Overview: SSI is hiring multiple Hardware Engineers in Colorado to support our Federal Agency Client. This position will be hybrid - on site 3 days/week.

Locations: Highlands Ranch CO

Duties and Responsibilities:

- Provide hardware engineering support, including design, procurement, integration, testing, and verification of hardware systems
- Basic hardware design, cable design, and procurement activities
- Perform laboratory tests for hardware debug, oscilloscopes, digital multimeters, and analyzers
- Debug electronics, integrate software
- Develop engineering drawings such as for electrical schematics and assemblies
- Cable and harness design
- Electronic circuit design
- Perform full hardware development lifecycle: requirements, design, development, integration and test, and maintenance

Requirements

- 5+ years of experience providing hardware engineering design and support, preferably in an aerospace or satellite environment
- Bachelors degree in a related field
- Experience writing and executing test procedures
- Experience using laboratory test equipment for hardware debug
- Experience developing engineering drawings
- Broad range of electronic circuit design experience in areas such as analog, digital, microcontroller, Field Programmable Gate Arrays (FPGAs), and power supply circuits.
- Experience in hardware/software integration and troubleshooting

Desired Skills and Experience:

- Experience programming Xilinx FPGAs with VHDL or Verilog.
- Experience with hardware development life-cycle: requirements, design, development, integration and test, and maintenance.
- Experience with software configuration management tools such as Git or Subversion. Procurement system knowledge.
- Willingness to learn new environments and work independently in a fast-paced development
- Experience with Unix and/or Linux environments
- Broad range of electronic circuit design experience in areas such as analog, digital, microcontroller, Field Programmable Gate Arrays (FPGAs), and power supply circuits.

Security Qualifications:

- Successful Completion of a Background Check
- Must be a US Citizen

All qualified applicants will receive consideration for employment without exception

Salary Range Dependent upon Qualifications and Experience

\$112,000-\$118,000