



Example of Principal Hardware Engineer Job Description

Powered by www.VelvetJobs.com

Our company is hiring for a principal hardware engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for principal hardware engineer

- Perform certification testing and acceptance of STB and peripheral designs
- Perform repair analysis and continuous improvement processes to designs
- Support all Factory and Repair processes
- Act as the Advanced Engineering Point of contact for factory code certification
- Certify the solutions in Integration and Pre-Prod environments
- Perform platform certification testing, load and performance testing, failover testing
- Author and deliver Implementation Guides and MOPS to Operation teams for production deployments
- Establish and maintain current state baseline certification and technology documentation throughout the technology lifecycle, including end-of-life transitions & migrations
- Foster strategic relationships with Charter teams and vendor partners
- Test and verify product designs for performance

Qualifications for principal hardware engineer

- Experience/knowledge of optical systems is desired
- Basic knowledge of CMOS sensors and Lenses is desired
- Ability to communicate with and understand the needs of the cross-functional teams

- Capability to use lab tools, equipment and techniques to verify circuit operation
- Knowledge of ASIC analog/digital design