



Example of Silicon Validation Engineer Job Description

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Our innovative and growing company is looking to fill the role of silicon validation engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for silicon validation engineer

- Integrate silicon, HW, firmware, and system software into a complete system which includes various InfiniBand and PCIe protocols, PXE booting, virtual machines, secure networks, Ethernet and Ethernet-over-Infiniband, sockets and RPC calls, FPGA, microcontroller interfaces, Jtag, I2C, SPI, SERDES, memory and many other interfaces
- Support the verification team development depending on the phase of the project
- Develop validation Platform, Firmware and Script
- Corperate with ASIC Designer in debug
- Experience with NVMe and flash storage system
- Experiences with networking, switches and routers
- Strong experience working with Linux, scripting, python and IO/Network performance tools
- Strong knowledge of InfiniBand Architecture and NVMeoF
- Technical leadership of system validation including both HW and SW components
- Understand end customer applications and stress systems from a customer perspective

Qualifications for silicon validation engineer

- Experience with video or image signal processing hardware pipelines

and/or system Validation A knowledge in IA architecture / Operating Systems / SOC subsystems will be a plus - A precise attention to details, Self-motivation, problem solving skills - People skills and team spirit

- Virtualization technologies like Amazon AWS, OpenStack or similar
- Container technologies like Docker, LXC, Nix or similar
- Experience in scripting languages such as python, lua or C/C++/Java, LabView/LabWindow
- Bachelor's/Master's degree in Electronics Engineering