



Example of Network Design Engineer Job Description

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Our company is growing rapidly and is hiring for a network design engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for network design engineer

- Modeling entire network using Matlab, Python, C++, NS-3 or similar tools
- Analyze the network project workload and identify opportunities to automate or template the associated activities
- Working with senior engineers develop verification specifications for Axxia networking and switching functions
- Implement the System Verilog/OVM based verification test bench blocks and tests for these functional blocks
- Collaborate with other verification and design team members in the development of functional specifications, test plans, and work to debug test failures
- Incorporation of new technology into advanced development prototypes for next-generation frontend systems
- Providing engineering support for network processor research labs, fielding of systems, and support of fielded systems
- System Administration for both in-house equipment and fielded equipment
- Technical) Pre-Sales, Post-Sales, Engineering and Professional Service support for the IP Routing and NFV product portfolio in the EMEA region
- Capture customer requirements, define relevant Use Cases and work out a corresponding list of required features & capabilities, and convert Use Case/Features into Test Cases/Test Plans

Qualifications for network design engineer

- Earth and space segment experience with GPS and SATCOM
- IRIG generation and distribution
- NTP enterprise design and management
- Atomic frequency standards
- Two Way Satellite Time Transfer