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# Example of Staff Design Job Description

Our company is growing rapidly and is searching for experienced candidates for the position of staff design. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for staff design

* Perform ESD validation and debugging at IC and system levels
* Implement test chips to explore the tradeoff between ESD performance and area efficiency
* Interface with external customers to address ESD-related issues
* Provide ESD IP, use guides and checklists to ensure first time silicon success
* Perform ESD simulations
* Work closely with and offer ESD technical advice to design teams across multiple product lines to ensure product competitiveness

## Qualifications for staff design

* Expertise in all areas of physical verification (DRC/LVS/ERC/ANT)
* Expertise in protocol of Industry standard IO interfaces
* Experience in analyzing failure in Functional and Test Gatesims with back annotated data and interacting with Verification and DFT team in this respect
* Expertise in running STA analysis and achieving timing closure on multiple high performance and low power designs
* Sound knowledge of clock tree implementation from Frequency/Power perspective
* Good control over scripting languages like PERL/TCL is MUST