



Example of Design Eng Job Description

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

Responsibilities for design eng

- Review and validate engineering requirements against product capabilities
- Ensure hardware, software and firmware versions are identified for solution
- Ensure pre-existing limitations and defects are identified and taken into account in ensuring that the solution can be engineered to meet requirements
- Supports solution Network Consultant in development of solution and customer design reviews
- Perform calculations, finite element modeling, and geotechnical designs ensure accuracy of the design drawings
- Develop & maintain Exhaustive QA procedures for Library/IP Qualification with Customers as end users
- Analyze semiconductor process changes, review modelling strategies, and ultimately use model to determine how to best leverage for future GPU's
- Coordinate diagnostics' development to enable competitive analysis and identify opportunities for improvement
- Analyze performance power results from pre-silicon simulations and silicon measurements
- Coordinate execution of performance/power improvement roadmap

Qualifications for design eng

- Experience with modeling tools, Matlab, MCAD and other numerical tools
- Experience of code control software Subversion

- MSEE or PHD in Microelectronics or EE related majors, equivalent degree/experience acceptable
- 6 years of solid experience & knowledge of the advanced verification methodology and techniques
- Prior experience with mixed-signal design or verification and simulation tools and techniques is a strong plus