



Example of Design Enablement Job Description

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Our innovative and growing company is hiring for a design enablement. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for design enablement

- Understanding/Experience with DC/RF Measurement systems would be a plus
- Automation/scripting with R/Matlab/Perl/Python may be required as a part of the carrying out compact modeling responsibilities
- Candidate is expected to develop and validate LVS/PEX runsets or any other peripheral kit element to the major tools used by customers
- Delivery from candidate should be on time and with high quality
- At the same time, candidate should be able to support customer feedback and provide timely response to advise or resolve customer questions/concerns
- In this role you will identify opportunities in the Design Enablement and Physical Design space to benefit from Machine Learning applications, build proposals for their implementation or demonstration, develop innovative algorithmic solutions internally or through external collaboration, and work with cross-functional teams across the organization to drive their adoption in product design flows
- Has 12+ years of experience in the Semiconductor Industry with a minimum of 8 years of experience in FIP
- Drive SCEF and NGIN product R&D
- The student will be responsible for architecting and implementing a key aspect of a ML-based solution in design enablement
- Due to the dynamic nature of this rapidly evolving field, the exact application to be coded will depend on the timeframe of the internship

Qualifications for design enablement

- Demonstrated strong capability with scripting languages (eg Python, Perl, TCL, shell)
- Strong leadership skills, aptitude for analytical problem-solving, and
- Experience – 3+ years of semiconductor device or process integration experience
- Candidates ideally will have a Bachelor's Degree Computer Sciences or equivalent and multiple years of experience in Linux Systems Administration, ideally in an engineering environment
- Basic experience providing NAS support and performance troubleshooting