



Example of CAD Design Engineer Job Description

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Our innovative and growing company is searching for experienced candidates for the position of CAD design engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for CAD design engineer

- Function as a team member on multi-functional project teams across multiple projects
- Active member of the Mechanical Engineering Department
- Minimum of 2000 hours' experience with ProE, Creo or CATIA V5, (ProE and or Creo preferred)
- Experience in electro-mechanical system integration and development is a plus
- CAD Designer will complete detail models and major layout drawings in accordance with standard engineering drafting practices
- Determines correct scaling
- Preparation of detailed 3D PMI and 2D drawings to AML drafting standards
- Provide tool support for custom design flow in schematic capture, simulation, layout, and verification
- Custom PDK creation, customization, and maintenance
- Develop scripts, programs, flows, and methodologies to automate and improve custom design productivity

Qualifications for CAD design engineer

- Bachelors of Science in an Engineering or Computer Science discipline
- CAD Design Engineer familiar with basic concepts of VLSI Implementation Design
- Good knowledge of Synthesis, Power Aware Synthesis, Verification domains

- Strong Coding skills in any or all of csh, perl, python and c
- Candidate should have a BS/MSEE degree with at least 4-5 years of experience in ASIC design