



Example of Lead Design Engineer Job Description

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Our growing company is searching for experienced candidates for the position of lead design engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for lead design engineer

- Utilize UG skills to design, check designs and run basic analysis as required
- Lead and Mentor DREs to deeply understand formability and tooling required to produce each part
- Mentor DREs to assess the cost impacts of each feature
- Transfer knowledge and best practices from Body Engineering to Battery Engineering
- Review pack designs prior to kicking off crashworthiness or durability CAE
- Provide trade study analysis as a decision tool for design trade-off activities
- Stay abreast of new material, forming, and joining technology and competitive products
- Support preproduction and production builds events as necessary
- Lead a Structures Sub-PDT
- Supplier oversight for all Structural Items

Qualifications for lead design engineer

- Proficiency in CAD (Solidworks) design
- Experience with rapid prototyping (3D printing) and designing for manufacturing (CNC)
- Strong communication skills and demonstrated ability in performing at a senior level on a team
- Demonstrated high level of independence and initiative
- Experience using Vicon or a similar motion capture system

