



Example of FEA Engineer Job Description

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Our company is growing rapidly and is looking to fill the role of FEA engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

Responsibilities for FEA engineer

- Suggesting design improvements of calculated parts and risk associated
- Preparing and documenting calculation discipline Reviews according to project schedule and following-up the main open actions
- Reporting on calculation discipline activities progress and alerting relevant N+1 in case of issue potentially impacting achievement of QCD commitments
- Managing calculation discipline FEA engineers on Project (internal or external)
- Producing FEA validation plan deliverables
- Design essential component and assembly details to explore multiple design options using 3D CAD models and 2D drawings and GD&T
- Develop innovative concepts and designs for components, electromechanical assemblies to meet all requirements for size, performance, reliability, cost and manufacturability
- Develop mechanical and electromechanical products by studying customer requirements
- Requires interaction with design engineering teams and other cross functional teams in order to ensure the product quality goals set forth by the business in a fast paced environment
- Implement structural components into production

Qualifications for FEA engineer

- Master's degree (MS) in Engineering from a four-year college or university,

- A current career break of two or more years
- An undergraduate degree from an accredited college or university
- Minimum of 4 years of relative professional experience
- 3+ years' experience of performing FEA in an industrial application
- Dynamic team player and leader and can work effectively and proactively on cross-functional teams