



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. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for FEA engineer

- Execute post processing of FEA models to various conditions
- Ability to take existing FEA models and modify conditions then reanalyze
- Develop and run FEA models for LMC and damage tolerance
- Generate design concepts, prototype builds, SOPs, and transfer of product to manufacturing
- Apply engineering knowledge to the design and development of new products and processes
- Solve engineering problems that may be process or design related
- Develop, maintain and execute R&D project plans and coordinate cross functional team developmental activities in support of company's strategic plan
- Conduct tests utilizing existing test protocols, or develop new protocols as needed and generate related written reports
- Work with machinist and fabricators to build prototypes
- Assign work to technicians and temporary workers as needed

Qualifications for FEA engineer

- Teamwork and detail-orientated
- Experienced with IC packaging process and analysis approach with 8+ years of experience
- Familiar with optical packaging and assembly process a plus
- Minimum BS degree in related engineering field, advance degree is preferred
- 3D mechanical design software, such as Solidworks working experience

