



Example of Principal Mechanical Engr Job Description

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Our company is growing rapidly and is looking to fill the role of principal mechanical engr. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for principal mechanical engr

- Identifies and mitigates potential schedule, budget, or quality risks
- Leads and influences integration of mechanical and tooling strategy across technical disciplines both internally and externally
- Researches and integrates new technology into product portfolio and development plans
- Regularly provides direction, oversight and coaching to less experienced team members
- Drives consistency and thoroughness
- Viewed internally and externally as a technology and tools expert
- Develop initial analysis models and update/re-run existing models
- Contribute to technology development roadmaps
- Interface directly with Office of the Chief Engineer and Program Management Office
- Mechanical design of components in pulsed power and high power microwave systems

Qualifications for principal mechanical engr

- Bachelor's degree in Aerospace, Mechanical Engineering, Materials Science or a degree in a related field
- Electromechanical or additional courses of study in EE, BS CS or robotics
- Experience with M/S Office Tools Word, Excel, PowerPoint, and Visio
- Must be able to obtain a SSBI security clearance

- Thermal modeling using PATRAN, SINDA, ANSYS or equivalent software