
TAS

Technical Consulting

Job description

Mechanical Engineer Intern

TAS Technical Consulting (TAS) is seeking to hire a Mechanical Engineer Intern. Representative responsibilities include:

- Develop drawing packages using AutoCAD Plant 3D.
- Scope project deliverables per client requirements and operational / site constraints.
- Participate in client meetings to identify potential engineering solutions and make recommendations for a preferred course of action.
- Complete design engineering (drawings, analysis, calculations, bill of materials) and related contract deliverables which are responsive to client expectations and needs.
- Review project design packages to ensure compliance with engineering principles, applicable codes, recommended work practices and industry standards.
- Resolve technical challenges and identify opportunities for doing things better and more cost effectively, while ensuring technical, operability, maintainability, reliability, and safety parameters are attained.

Qualifications

- Student pursuing Bachelor of Science – Engineering (Mechanical preferred)
- Competence in CAD and specialized mechanical design / modeling software
- Track record of success (e.g., academic performance, design experience)
- Proficiency with Microsoft Office suite (Excel, PowerPoint, Word) and MS Project

Key Success Factors

- Self-starter, with work schedule flexibility to meet commitment deadlines
- Team player, collaborative, motivated by collective success
- Command of engineering principles across disciplines (mechanical, electrical, civil)
- Analytical focus, with strong attention to detail and task follow through
- Internally driven, with bandwidth to prioritize and manage multiple projects
- Confident, with aptitude for customer-facing and client relationship management skills
- Great interpersonal, organization and time management skills
- Flexible and comfortable with frequent change
- Strong communication skills, both oral and written
- Conflict management and problem-solving skills with a solution-oriented mentality