Structural Analysis Engineer – Gas Turbine Engines

About QuEST

Established in 1997, QuEST is a leading engineering services firm providing product development and engineering solutions to major global companies. QuEST’s expertise ranges from concept designing to drafting and modeling, to analysis, to product realization solutions in the following domains: aerospace, civil structures, energy, industrial products, oil & gas, and transportation. QuEST partners with a host of Fortune 500 companies to provide better, faster and more cost-effective solutions to its customers. Over 1800 engineers across the US, UK, Italy, Germany, Spain, France, Japan and India make our team technically competent and truly global.

Job Details:

In our East Hartford, CT Engineering Center, we have an immediate need for Structural Analysis Engineers to join our high energy, fast-paced, growing team. In this role you will perform structural analyses on a wide variety of aerospace components.

- Use Finite Element Analysis tools such as ANSYS, NASTRAN, and PATRAN to conduct 3D and 2D static, dynamic, vibration, and thermal analyses
- Learn, understand, and apply our customer's standard procedures
- Make design change recommendations, document the work, and present the findings to our clients.

Requirements:

- BS in Mechanical Engineering required. MS preferred
- 6+ months work experience (Co-ops, internships, and relevant school projects will be considered)
- Exposure to Finite Element Analysis
- Experience or academic background with mechanics of materials, vibrations, metal fatigue, finite element analysis, and fracture mechanics is needed.
- Exposure to solid modeling tools, especially Unigraphics, would be beneficial.
- Experience with computer programming languages a plus.
- Strong communications, teaming, and organizational skills required
- Candidates must be US Citizen or Permanent Residents

Compensation:

- A competitive base salary is available, depending on the qualifications and experience of the candidate.
- This position qualifies for full benefits: medical insurance, dental, disability, life insurance, 401(K), tuition reimbursement, and paid time off.