

Senior Analyst, Project Engineer

NuSpace seeks talented structural analysts. We have some exciting challenges ahead and you will play an important role in our continued success. Depending on your professional aspirations we will encourage you to use your analysis and design skills to lead programs.

RESPONSIBILITIES:

- Your primary task will be to perform, document and present static, dynamic, modal, fatigue, and fracture analyses.
- You will work with design, manufacturing, and test teams to pursue model and performance correlation.
- Primary products are shells such as propellant tanks, COPV's and associated hardware.
- You will interface with customers and lead design reviews.

BASIC QUALIFICATIONS:

- You will be an accomplished analyst including FEA experience with commercial tools.
- Bachelor's degree in an engineering discipline
- 5+ years of professional experience in structural analysis

PREFERRED SKILLS AND EXPERIENCE:

- Abaqus experience is desirable.
- Master's degree or higher in an engineering discipline
- Aerospace experience in structural analysis of shell structures both composite and metallic
- Capability and desire to play Responsible Engineer and Chief Engineer roles
- Perform structural analysis, design work, project engineering (e.g., execution of tasks in support of product development, design reviews, documents etc.) and program management (e.g., scheduling, tracking action items, execution).
- Familiar with crack growth analysis codes, such as NASGRO or equivalent
- Experience at a nimble engineering organization or in a highly technical position that required a scrappy, entrepreneurial manner to accomplish tasks with tight time or budget constraints.
- Excellent oral and written communication skills
- Ability to deliver against aggressive schedule.