Senior Engineer

Job Title:
Senior Engineer
Location:
Irvine, California(Multiple locations)
Reference Code:
DT-CA-125

Position Description

CD-adapco is offering a challenging position working as a Senior Engineer in our Structural/Thermal Engineering Services Group. Projects will include analyzing mechanical structures using finite element analysis for a variety of clients in the Aerospace and Automotive Industries. The candidate should have proficiency in multiple commercial finite element analysis software programs, as well as moderate programming experience, with proven engineering practice running advanced simulations and analyses addressing real-life problems.

We have multiple positions available: Irvine, California, Melville, New York and Orlando, Florida

Qualifications:

Due to the nature of this role, US citizenship or US Permanent Residency is required.

The following qualifications are desired:

- Master?s degree or PhD in Mechanical Engineering, Structural Engineering or Applied Mechanics
- Professional licensure and certification encouraged, but not required.
- Past experience with application of advanced analysis tools in performing detailed static and dynamic analyses of complex mechanical assemblies and rotating parts.
- Previous damage **tolerance analysis and composites is desired**.

The following technical knowledge is a plus:

- Proficient with both general and special purpose finite element analysis software (ABAQUS, ANSYS, NASTRAN, LS-DYNA).
- Experience with CAD packages (Solidworks, Pro-engineer, Unigraphics etc)
- Programming experience (Java, Fortran, UNIX etc)
- **Familiarity with fracture mechanics software such as NASGRO and NASCRAC**.

CD-adapco offers a stimulating working environment, competitive benefits and job growth opportunities. All qualified applicants are encouraged to submit a resume and cover letter

outlining your unique qualifications for this position to hr-us@cd-adapco.com [1]. . Please reference ?**Senior Engineer ?DT-CA-125**? in the subject line.

CD-adapco is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, citizenship, marital status, gender, age, sexual orientation, genetic information or protected veteran status and will not be discriminated against on the basis of disability. All employment is decided on the basis of qualifications, merit and business need.

If you are an individual with a disability and would like to contact us regarding the accessibility of our site, need assistance completing the application process or would like to request a reasonable accommodation, please contact the Human Resources Manager at hr-us@cd-adapco.com [1].

About CD-adapco

CD-adapco is the world's largest independent CFD-focused provider of engineering simulation software, support and services. We have over 30 years of experience in delivering industrial strength engineering simulation. The scope of our activities extends well beyond software development to encompass a wide range of CAE engineering services in both CFD and FEA.

We have over 8000 users of our software, working at 3,000 different companies, spending over $181 million on our software and services. Our customer approval ratings are very high; in our last customer survey 93% of our customers declared themselves satisfied, or very satisfied with our software and services, a fact reflected in a consistently high customer retention rate.

Consistently growing at an organic rate of over 15% per year, CD-adapco employs over 850 talented individuals, working at 30 offices around the globe, involved in dedicated support, software development and engineering services.

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Links:
[1] mailto:hr-us@cd-adapco.com