Software Developer

Job Title:
Software Developer
Location:
London, Nuremberg, Bangalore/ Pune, India

Software Developer ? Co-Simulation (London, Nuremberg, Bangalore/ Pune, India)

CD-adapco is looking for highly qualified and motivated candidate to contribute to the development of our next-generation CFD/CAE tool STAR-CCM+. The successful candidate will be expected to contribute to the architecture and design of the product as well as develop end-user enhancements. Specific areas of focus will be the development of co-simulation features coupling with the Abaqus and other CAE applications.

Job Requirements:

The following will be required of all candidates:

- MS or equivalent degree in Computer Science, Civil, Chemical, Mechanical or Aerospace Engineering
- Proven expertise in object-oriented C++ software design and development
- Experience in the application of Computational Fluid Dynamics / Structural Mechanics or related disciplines
- Distributed memory parallel programming
- Excellent communication skills
- Ability to work as part of a team to meet project goals

In addition, experience in one or of the following areas is desired:

- Experience with Structural Mechanics code such as Abaqus, Nastran, or Ansys
- Co-simulation between independent applications (such as MpCCI)
- Software development in Java
- Concurrent / Multithreading programming
- Client/Server architectures
- Design and development of architectural components for large scale software systems
- Cross platform development

Interested candidates must be able to learn new skills quickly, prioritize multiple projects, work independently as well as work effectively as part of a team. Must also be methodical and thorough, innovative, confident and be able to communicate effectively at all levels across the

organization.

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 ?Software Developer ? Co-Simulation (London, Nuremberg, Bangalore/ Pune, India) 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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[1] mailto:hr-us@cd-adapco.com