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Job Title:

Software Developer - Meshing

Location:

Austin, Seattle, State College, Melville

CD-adapco is looking for highly qualified and motivated candidates 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. The specific area of focus will be the development of mesh generation tools and GUI integration. There are several positions open in the areas of surface preparation, surface meshing and volume meshing (both structured and unstructured).

The preferred location for this job is the CD-adapco development office in Austin, Texas. U.S. Citizenship or permanent resident status is preferred for ITAR and US government related projects.

Job Requirements:

The following will be required of all candidates:

- MS or equivalent degree in Computer Science and/or Civil, Mechanical or Aerospace Engineering
- Proven expertise in object-oriented C++ software design
- Experience in mesh generation for CFD/CAE applications
- 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:

- Computation fluid dynamics or related disciplines
- Usage and development of CAD tools such as Catia, Solidworks, etc.
- Scientific visualization with OpenGL and/or VTK
- Software development in Java
- Client/Server architectures
- Design and development of architectural components for large scale software systems
- User interface design/development
- Parallel programming

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 - Meshing (Austin, Seattle, State College, Melville)" in the subject line."

CD-adapco is an equal opportunity employer and does not discriminate on the basis of race, religion, color, sex, age, physical or mental disability, national origin, genetic information, or any other basis covered by appropriate law. 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 7,000 users of our software, working at 3,000 different companies, spending over \$100 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 17% per year, CD-adapco employs over 700 talented individuals, working at 21 offices around the globe, involved in dedicated support, software development and engineering services.

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.

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Links:

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