Published on *CD-adapco* (http://www.cd-adapco.com)

Senior Solution Adaptive Meshing Developer

Job Title:
Senior Solution Adaptive Meshing Developer
Location:
Austin, Texas - Seattle, Washington - Lebanon, New Hampshire - State College, Pennsylvania, USA
Reference Code:
KF-SAM-125

Position Description

CD-adapco is seeking software development professionals with experience in the development of advanced algorithms for solver meshing for our flagship multi-physics software, STAR-CCM+. As a member of an experienced team, your responsibility will be to ensure efficient operation and good scaling of both new and existing code on parallel platforms.

The ideal candidate will have a Master?s or Phd degree in Engineering, Computer Science, Applied Mathematics, or related discipline. Several years in experience in the following areas is desired:

- mesh generation, data structures, mesh techniques,
- unstructured meshing, mesh adaption
- computational geometry
- spatial computing, spatial search
- expertise in writing cohesive, well-structured code
- expert in C++ and object oriented development

In our search, we will give preferential consideration to those candidates with experience in any of the following areas:

- engineering simulation software
- an understanding of computer architecture (particularly parallel)
- able to work both independently and as part of a distributed team
- scientific computing
- C++ and other object oriented software

All qualified applications should be made by e-mailing a CV/resume to hr-us@cd-adapco.com [1] Please reference **?Senior Solution Adaptive Meshing Developer - KF-SAM-125 - multiple locations?** 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.

Source URL: http://www.cd-adapco.com/jobs/senior-solution-adaptive-meshing-developer

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