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## Senior Morphing Developer

**Job Title:**

Senior Morphing Developer

**Location:**

Austin, Seattle, Lebanon, State College

**Reference Code:**

AK-SMD-125

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, you will develop and maintain cutting edge algorithms for mesh morphing and manipulation.

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 manipulation, mesh morphing, moving meshes
- large mesh deformation, repair of large geometry models
- computational geometry
- spatial computing, spatial search
- expertise in writing cohesive, well-structured code
- expert in C++ and object oriented development
- effective verbal and written communication skills

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

- engineering simulation software (CAE)
- Computation fluid dynamics and finite volume methods
- 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](mailto:hr-us@cd-adapco.com)

[1] Please reference **Senior Senior Morphing Developer KF-SMD-125 multiple locations?** in the subject line.

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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](mailto:hr-us@cd-adapco.com) <sup>[1]</sup>

## **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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**Source URL:** <http://www.cd-adapco.com/jobs/senior-morphing-developer>

**Links:**

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