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## Senior Software Engineer

**Job Title:**

Senior Software Engineer

**Location:**

Austin, USA

**Reference Code:**

BJ-TX-123

CD-adapco is seeking a Senior Software Engineer.

CD-adapco is looking for highly qualified and motivated candidates to contribute to the development of a vertical market product for electronics cooling applications. The candidate will work with our next-generation CFD/CAE tool STAR-CCM+ and 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 geometry modeling tools, translation and de-featuring tools and GUI integration. The successful candidate will have considerable influence on the outcome of the project.

**Position Description**

1. Assist in development of an interactive geometry modeler
2. ECAD/MCAD translation and interoperability
3. Development of geometry de-featuring tools
4. Work with Java, C++, Object Oriented Programming, large scale software design and CAD.

**Requirements:**

1. Master's degree in Computer Science, Applied Mathematics or Engineering (any field) plus 5 years' experience
2. Expertise in object-oriented C++ software design
3. Experience in geometry modeling with feature based modelers or direct modeling
4. Excellent communication skills

**Experience in one or more of the following would be desirable:**

1. CAE/CFD experience
2. Graphics/Visualization with OpenGL and/or VTK
3. UI design/development
4. Client-server architecture

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](mailto:hr-us@cd-adapco.com) [1]. Please reference **Senior Software Engineer/ BJ-TBD-123** 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](mailto: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.

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### Links:

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