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CFD Application Support Engineer

Job Title:
CFD Application Support Engineer
Location:
Yokohama & Osaka, Japan

Position Description:

The CFD analysis engineer will use CD-adapco?s best-in-class simulation software, quickly becoming an expert in the simulation of a variety of advanced engineering processes in order to assist our customers with their engineering designs. This position offers an exciting opportunity to be at the forefront of the innovative use of simulation in engineering design, industrial processes and research environments. CFD engineers in CD-adapco typically become involved with a full spectrum of simulation applications in industries such as Automotive, Aerospace, Architecture, Defense, Energy, Marine etc. The breadth of analyses covered by these application areas is also broad ranging and includes standard analyses of fluid dynamics, heat transfer, as well as new simulation topics such as electric motor analysis and battery design.

The successful applicant will work as part of a CD-adapco team consisting of other CFD engineers and account managers, as well as working closely with customers, to understand and analyze engineering processes within a client organization and find the best fit for advanced simulation tools. This will require occasional travel to customer locations and perhaps extended on-site work, to meet and interact with customer engineering teams. There will be responsibility for ensuring that customers achieve the maximum technical benefit from investing in CD-adapco?s technology products, and, as part of this, there will be a focus on educating customers in best practices developed by experts in CD-adapco.

Being successful in this role requires excellent Japanese verbal and written communication skills, a strong organizational ability to multi-task with both long term and short term projects is also essential due to the fast pace of the role. The successful candidate for this position will need to rapidly understand the various and expanding applications to which CFD is employed as well as handle the rapid rate of development of our flagship code, STAR-CCM+.

Qualifications:

Japanese verbal and written communication skills are required.

A Master?s Degree in an engineering-related field is preferred. However, the emphasis is on a strong understanding of fundamental engineering principles and the underlying mechanics of CFD such as turbulence modeling, meshing strategies, solver schemes or heat transfer phenomena. A strong interest and knowledge in engineering as a whole, is considered a basic requirement.

Additionally, exposure or experience in the following areas may be considered advantageous:

- STAR-CCM+
- JAVA programming language
- CAD packages such as CATIA v5, Pro/E, NX, SolidWorks or Inventor
- Codes to which CFD can be coupled to such as FEA, 1D simulation tools, optimization software
- Previous CFD experience in industry with a commercial code is preferred but not required.

If you are excited at the prospect of an engineering position with one of the world?s leading suppliers of simulation technology, are interested in working with and traveling to some of our top global engineering customer companies, having a dynamic and varying engineering career with competitive benefits and job growth opportunities then please submit a resume and cover letter outlining your unique qualifications for this position to hr-jp@cd-adapco.com [1] . Please reference ?**CFD Application Support Engineer - Japan**? 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 [2] .

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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