Lead CFD Application Engineer, Belgium

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Company: Cadence Design Systems, Inc.

Location: Belgium

Category: computer-and-mathematical

At Cadence, we hire and develop leaders and innovators who want to make an impact on the world of technology.

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At Cadence, we hire and develop leaders and innovators who want to make an impact on the world of technology.

The Lead CFD Application Engineer role offers an opportunity to join an exciting and highly motivated team, where your knowledge of CFD will be used to help our customers succeed in advanced CFD simulations in the aerospace, automotive, turbomachinery, industrial, marine industries and more. Using Cadence's suite of CFD tools you will develop creative and innovative solutions for customers, benchmark product capabilities for a wide range of flow regimes and phenomena, advocate for best practices, and collaborate with members of the sales and product teams. Job Duties

Utilize Cadence's simulation technologies to solve industry problems in Automotive, Aerospace, Marine and other industry verticals. A strong focus on Acoustics is expected for some applications.

Interface with Cadence customers to develop and support simulation related workflows.

Perform customer benchmarks to validate Cadence's software products for industrial applications including correlation with published test data

Collaborate with Cadence's customers to develop and validate CFD workflows and

solutions that meet or exceed their needs

Continuously push the technology envelope and advance the state-of-the-art in industrial application of simulation and related technologies which can include joint industry/government research activities

Communicate and collaborate with the Sales, Research and Development, and Marketing teams on customer requirements and feedback from support engagements

Participate in customer meetings related to benchmarks, technical support, and other related activities virtually or in-person as needed

Collaborate with Cadence R&D to test and validate new capabilities.

Publish papers highlighting key industry solutions and advantages and generate associated marketing collateral.

Create technical presentations and reports documenting key findings, project activities and customer feedback

Create knowledge collateral and documentation related to customer education including articles, videos, and technical presentations

Provide technical support to Cadence customers for various applications

Deliver customer and internal training classes virtually or in-person as needed

The ideal candidate should have:

Education: MS in mechanical, aerospace, or marine engineering. Doctoral degree preferred

Theoretical background in aero-acoustics; Exposure to industrial acoustics applications is an added plus.

Languages: Fluent in English, French is a plus

Communication skills: Excellent presentation skills, ability to communicate effectively, both verbally and via email. Experience with Cadence CFD tools (Fine, Fidelity, CharLES) is preferred but not essential.

Experience with CFD mesh generation and solver tools with aerospace, automotive, industrial,

turbomachinery, or marine applications

Experience in scripting languages like Python

Customer service oriented with strong problem-solving skills

Attention to detail with the ability to organize and prioritize

Team player with a positive attitude, willingness to offer and execute ideas and solutions
to enhance processes within an evolving environment Location

Travel to Brussels office is required once per week.

If you would like to know more visit our website www.cadence.com

We're doing work that matters. Help us solve what others can't.

Apply Now

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