



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

[Home](#) > Expert Java Developer

Expert Java Developer

Job Title:

Expert Java Developer

Location:

USA

Reference Code:

CK-NH-123

CD-adapco is seeking a Expert Java Developer in Various US location.

Position Description:

The User Experience team is responsible for designing and programming an intuitive and efficient user interface and the underlying server-side code to support the STAR-CCM+ UI. The team works closely with engineers and scientists who develop high-performance software that performs accurate engineering simulations. Our users are engineers and scientists, not consumers.

Job Function:

Server-side code is mostly in C++. Client-side code is in Java / NetBeans.

There is a desktop client. No web client exists at present.

Most of us use Eclipse. We use Git for source control, JIRA for issue management, and Crucible for code reviews.

Our development method is mildly agile (frequent deliverables, little planning up-front), but not scrum. Functional testing is in place, and unit testing is being introduced.

Technical Requirements:

- Expert in object-oriented design
- Expert in UI development in Java with Swing, SWT
- Adept at locating and fixing memory leaks in Java clients on Windows and Linux
- Familiar with the NetBeans Platform, not necessarily the NetBeans IDE. Experience with similar libraries such as QT is also valuable
- Comfortable with design as well as implementation
- Excellent communication skills and ability to assist other team members in problem-solving
- Degree and experience in Computer Science or Engineering

Expertise in these areas is a bonus:

- Physics or math
- CAD or 3D graphics
- Graphic design
- C++

- Parallel computing

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 [1]. **Please reference ?Expert Java Developer, Software ? CK-NH-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 [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.

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/expert-java-developer>

Links:

[1] <mailto:hr-us@cd-adapco.com?subject=User%20Experience%20Developer,%20Software%20%E2%80%93%20CK-NH-123%20-%20Lebanon,%20NH,%20USA>

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