

Lead Software Development Engineer - C++

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Company: Altair Engineering

Location: Greece

Category: computer-and-mathematical

Job Summary:

Developing next-generation I/O interfaces for Altair Post Processing tools using current trends and the latest technologies.

What You Will Do:

Would be part of the team, that develops, manages, and maintains, post I/O interfaces at Altair, which is integrated with most of the Altair products in the simulation domain. The developer would take part in developing next-generation libraries for I/O post-processing. This would also involve maintenance of our current interfaces of various solvers -Abaqus/Ansys/Nastran/Optistruct/Dyna/Radioss and many others.

Our applications' current frameworks that connect our CAE tools to CAE Mathematical Solvers are being upgraded to be in tune with newer generation products. This involves advanced C++ development skills, that include asynchronous operations, multi-Threading, and efficient programming constructs.

Additionally, the personnel would be part of projects related to developing newer frameworks and infrastructures in post-processing areas and the possibility of re-using them across products.

What You Will Need:

Basics:

Excellent C++ knowledge.

Good command over data structures algorithms.

Good exposure to working with multi-threaded applications.

Preferred:

**Master's in engineering – Structural/CAD-CAE/Computer
Science/Electronics/Information Technology/**

7+ years of C/C++ Experience

Sound Fundamentals in STL/BOOST/C++-11-17/Multi-Threading

Exposure to Linux development.

Excellent debugging skills.

How You Will Be Successful:

Envision the Future

Communicate Honestly and Broadly

Seek Technology and Business “Firsts”

Embrace Diversity and Take Risks

Why Work With Us:

Altair is a global technology company providing software and cloud solutions in the areas of product development, high performance computing (HPC) and data analytics. Altair enables organizations in nearly every industry to compete more effectively in a connected world, while creating a more sustainable future. With more than 3,000 engineers, scientists and creative thinkers in 25 countries, we help solve our customer's toughest challenges and deliver unparalleled service, helping the innovators innovate, drive better decisions, and turn today's problems into tomorrow's opportunities.

For more than 30 years, we have been helping our customers integrate electronics and controls with mechanical design to expand product value, develop AI, simulation and data-driven digital twins to drive better decisions, and deliver advanced HPC and cloud solutions to support unlimited idea exploration.

To learn more, please visit altair.com . **Ready to go? #ONLYFORWARD**

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