

FEA Simulation Application Engineer Jobs

Due to continual expansion Strategic Simulation & Analysis (SSA) require 2 FEA Application Engineers to work out of their office in Oxfordshire.

About SSA

We are a fast growing and dynamic company providing software training and consulting services in Computer Aided Engineering and carry out product simulation using Finite Element Analysis and multiphysics.

We are a reseller for the Dassault Systemes SIMULIA product range which includes Abaqus simulation products and associated training and implementation. SIMULIA covers a vast range of different analysis types using implicit and explicit solver technologies, as well as computational fluid dynamics (CFD).

A central part of SSA is our Simulation Consultancy. With our dedicated team of simulation experts use Finite Element Analysis software for individual projects. Examples of these projects are in structural, dynamic, thermal, CFD and multiphysics. Also our consultants undertake methods development to help our customers create and implement simulation strategies to gain real financial and technical benefits for their businesses.

Job Role: Abaqus Application Engineer

We are looking for an application engineer to work within our technical team. The key elements of the role are:

- Methods Development of analysis techniques
- Developing demonstrations and new techniques using Python scripts
- Training in Abaqus software
- Consultancy projects using Abaqus and SolidWorks Simulation and FloWorks

This is an ideal role for someone who has had some experience in Finite Element Analysis preferably with a working knowledge of non-linear simulation.

Job Role: Simulation Consultant

We require an FEA consultant to work within our technical team. The analysis consultant's role is to perform consultancy in Finite element Analysis The key aspects of the contracts include:

- Consultancy projects using Abaqus and SolidWorks analysis tools SolidWorks Simulation and FloWorks
- Delivering reports and presentations on work carried out

Both these are ideal roles for someone who has completed their first degree in engineering and has had some experience in Finite Element Analysis or CFD who wishes to work in the computer industry in a vibrant and fast growing company.

To apply for either of these positions please send your CV with a covering letter to richard@ssanalysis.co.uk