



Application Engineer

Job Description:

As an Application Engineer at SmartUQ, you will be a technical lead at the forefront of analytics technology. You will work with and help others to implement uncertainty quantification and probabilistic methods for simulation, testing and complex systems.

Who We Are:

We are an innovative, fast-growing analytics company. SmartUQ (SmartUQ.com) provides breakthrough analytics software to quantify uncertainty in a wide range of complex simulations (such as CFD, FEA, and electromagnetic) and physical testing. Our software is used by some of the largest engineering companies in the world to tackle challenging engineering problems. We have a fun and focused team who are passionate about helping our customers solve challenging problems where no off-the-shelf solution exists.

Location:

You'll find us along the flourishing East Capitol Corridor in **Madison, Wisconsin**, which has consistently made top 10 lists for best places to work and live in the United States.

The Opportunity:

We are looking for someone able to serve as a technical lead working in collaboration with our data scientists, software developers, and sales team. You will have the opportunity to demonstrate and deploy SmartUQ to a wide variety of engineering companies. You will be exposed to uncertainty quantification, probabilistic methods, and simulation applications in industries such as Aerospace, Automotive, and Turbomachinery.

A successful candidate will constantly be collaborating with client organizations to analyze and understand challenges in their processes in order to identify the best fit for our product. In order for SmartUQ's customers to best use our software, this position requires the responsibility of educating our customers to help them best succeed.

Responsibilities:

- Demonstrate our software solutions, both in person and remotely to customers
- Responsible for engineering aspects of consulting projects as assigned



- Actively support customers to ensure they are receiving optimal results in their complex design challenges, and troubleshoot any issues they may have with implementation or use of the software
- Give technical presentations at events and adequately answer complex questions relating to the software and its application, features, and capabilities.
- Engage prospects using engineering knowledge and expertise
- Use simulation tools to run simulations, demos, and generate reports
- Identify, create, and benchmark simulation modeling examples

Qualifications:

- Bachelor's Degree in Aerospace Engineering, Mechanical Engineering, Engineering Physics, Statistics, or related field; candidates with advanced degrees are preferred
- Minimum of 2 years of experience working with simulation, analysis, or design in the Aerospace, Automotive, Turbine, or related industries
- Experience in a customer-facing Application Engineer role for simulation software companies is preferred
- Excellent communication and presentation skills
- Broad knowledge of engineering principles (e.g. fluid dynamics, heat transfer, and mechanical analysis)
- Demonstrated understanding of aerodynamics, aerospace propulsion systems, or internal combustion engines is a plus
- Demonstrated basic understanding of analytics, uncertainty quantification or related topics is a plus

At SmartUQ, we have created new technologies to revolutionize the simulation and analytics market. We are passionate about using our intellectual property to create products that will make a difference in the world. Compensation is commensurate with your expertise.

If you feel that you would be a good fit for our team, join us today and submit your cover letter and resume to hire@smartuq.com with "Application Engineer" in the subject line.