



Backend Software Engineer

Job Title:

Full-time Backend Software Engineer

As a software engineer at SmartUQ, you will help design, develop, and implement code for our breakthrough big data analytics software that is currently used to tackle some of most difficult engineering problems.

Who We Are:

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

Location:

You'll find us along the flourishing East Capital Corridor in Madison, Wisconsin, which consistently makes top 10 lists in many publications rating best places to work and live in the United States.

The Opportunity:

We are currently accepting applications for software engineers with application development experience, who are also able to learn and adapt quickly to new technologies and tools. In this position you will be an integral part of our rapid development and release cycle. As a software engineer at SmartUQ, you'll take ownership of challenging projects to help Fortune 500 companies design products and systems of the future. You will collaborate with like-minded people in an environment that embraces individual differences, and rewards your best work. And you will have many opportunities to expand your responsibilities, based on performance and expertise.

Responsibilities:

- Design and develop high-performance desktop and server analytics software
- Work effectively with our software team in our development cycle
- Integrate new features into our existing application



Required Qualifications:

- Bachelor's, Master's, or Ph.D. in computer science or a related field
- Experience developing modern C++ (C++11 / C++14) applications
- Familiarity with version control, unit tests, code reviews, and other best practices
- Aptitude for solving challenging problems in a multidisciplinary team environment
- Strong attention to detail and an appetite for constant improvement

Preferred Qualifications:

- Experience developing scientific applications in C++ or Python
- Cross-platform development experience
- Background in statistics or mathematics, especially linear algebra and optimization

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 "Backend Software Engineer" in the subject line.