



Automotive Simulation Analyst Intern

Job Title:

Automotive Simulation Analyst Intern

As a Simulation Analyst Intern, you will apply your engineering knowledge to projects that combine simulations and advanced statistics in order to demonstrate solutions to difficult engineering problems.

In this position, you will gain unique experience using analytics, uncertainty quantification, and simulation to solve challenges faced by leading automobile manufacturers.

Who We Are:

SmartUQ (SmartUQ.com) offers unique analytics solutions for simulations, testing, and complex systems. Using our ground breaking analytics and uncertainty quantification technologies, we are helping some of the world's largest companies push the boundaries of engineering and science. 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 East Capital Corridor between Lake Mendota and Lake Monona (1.3 miles east of the State Capitol building).

Responsibilities:

- Use GT-POWER or Converge simulation software to investigate engine models
- Collaborate with engineers and data scientists to analyze simulation results and conduct benchmarking studies
- Provide insight on engine models in Automotive, Off-Road, or Heavy Equipment
- Write reports and prepare case studies for presentation and distribution when needed

Required Qualifications:

- Graduate student in Mechanical Engineering or related field
- Experience with GT-POWER or 3D CFD simulation software
- Understand engineering concepts and terminology in Automotive, Off-Road, or Heavy Equipment



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 [hiring@smartuq.com](mailto: hiring@smartuq.com) with “Automotive Simulation Analyst Intern” in the subject line.