Our innovative and growing company is searching for experienced candidates for the position of simulation software engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for simulation software engineer

- Participate in design reviews and ensure feature testability
- Design and implement test tools and enhance existing tooling
- Report bugs and qualify bug fixes
- Designing, developing, troubleshooting and debugging software programs in the areas of circuit simulation
- Develop, optimize and maintain distribution of simulation jobs
- Strong problem solving, algorithmic, and good understanding of C/C++ language are required
- Do peer code reviews and maintain a high quality thread safe code and creating unit tests
- Design a software in the loop testing (SiL) framework capable of testing the firmware (written primarily in C++) and Model (written in MatLab)
- Work on enhancements to the existing CSE simulation environment, and adapting and integrating with Commercial Systems VISTA and ACS simulation environments for new Government Systems Fusion platforms
- Capture and analyze customer requirements

Qualifications for simulation software engineer

- 3+ years of experience in software development using a compiled language such as C/C++/Java in a Linux, or similar, environment
- Experience with software version control systems (e.g., git or svn)

- BS in computer science with experience in engineering application development OR BS in engineering with experience in software development
- Strong industrial enterprise platform application background
- Strong software development / programming background, applied to engineering design / simulation / testing, is required