

## **Senior Software Engineer (Huntsville, AL)**

Scalable Network Technologies is the undisputed leader in parallel processing technology for network performance emulation, and we have a reputation for top quality service in emulation and simulation of computer networks worldwide. We have collective depth of expertise in wireless, satellite, cellular, wired, and mobile ad hoc networks.

Customers use our software to design, analyze and deploy network centric systems, mobile broadband networks, sensor networks and car-to-car communication systems. We have pioneered the use of these emulation technologies.

We are actively looking for experienced software engineers to join our team where you will be involved in developing network scenarios, programming networking protocols and running large-scale simulations.

This position is for a full-time employee located in Huntsville Alabama.

### **Key Job Responsibilities:**

- Responsible for development and execution of real-time network simulation and emulation products.
- Design network scenarios to analyze the best case and worst case performance of wired and wireless networks using high-performance multi-core and cluster computers.
- Full lifecycle simulation models development for networking protocols based on standards
- Create new tools and technologies to improve the design, analysis and deployment of wireless networks.
- Provide network analysis and insight
- Develop, test and evaluate network scenarios that integrate and interoperate EXata-based software virtual networks (SVN) with real hardware (VoIP phones, routers and other customer equipment)
- Document and communicate issues, risks and concerns to stakeholders, developers, sponsors.
- Serve as networking and simulation subject matter expert
- Assess customer needs and provide solutions
- 0-25% travel may be required for this position

### **Qualifications Required:**

- Bachelor's in Computer Science or Computer Engineering. MS or PhD is a plus
- 2 - 5 years of experience with C/C++ and/or other object oriented programming languages
- 1 - 3 years of experience with SQL and scripting languages (python preferred)
- 1 - 3 years of experience with TCP/IP protocol stack and OSI network model
- Experience with Networking protocols and implementation
- Familiar with Linux and Cisco iOS
- DoD Secret or Top Secret clearance

### **Benefits:**

We offer an outstanding benefits plan, including flexible work hours, a kitchen filled with free supply of assorted snacks, fruit, and beverages, health insurance, retirement plan, and a positive, energetic work environment. If you have the qualifications and interest, please send your resume and cover letter now. Scalable Networks is an equal opportunity employer and supports workforce diversity.

Scalable Network Technologies

Web: <http://www.scalable-networks.com>