Senior GUI Engineer

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.

As a GUI programmer, you will be responsible for the system design and implementation of Scalable's front-end applications. This will also involve providing UX ideas and concepts through story-boarding and mock-ups. Experience with Sketch App or other mock-up creation tools will be very useful during this process.

We are actively looking for an experienced GUI engineer to join our team where they will be involved in developing our front-end applications and providing expertise to customers for all our GUI products.

This position is for a full-time employee located in Huntsville, Alabama or Los Angeles, California.

Key Job Responsibilities:

- Responsible for development and execution of real-time network simulation and emulation GUI
- Responsible for full life-cycle design of GUI tools and products to support the designing of scenarios, execution of simulations and analysis of performance of wired and wireless networks using high-performance multi-core and cluster computers
- Responsible for prototyping and story-boarding of GUI design ideas and concepts for stakeholders
- Create new tools and technologies to improve the design, analysis and deployment of wireless networks
- Document and communicate issues, risks and concerns to stakeholders, developers and sponsors
- Work closely with cross functional teams to identify and resolve technical, business and process related issues

Qualifications Required:

- Bachelor's in Computer Science or Computer Engineering, MS is a plus
- 2 - 5 years of experience with C/C++ and/or other object oriented programming languages
- At least 2 years in Qt5 and QML programming
- Knowledge of Qt4, Qt5, QML and QGraphicsView Framework
- UI design expertise (story boarding, prototyping, UI development)
- Knowledge of OpenGL, OGRE 3D or other 3D Graphics library a plus
- Knowledge of some 3D visualization framework/API is plus
- Familiarity with agile software engineering processes/methodologies
- Experience with discrete event simulation tools or similar is a plus
- Experience in JavaScript desirable
- Ability to obtain DoD Secret or Top Secret clearance (already held preferred)

Benefits:

We offer an outstanding benefits plan, including flexible work hours, 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