



Job Opportunity for Senior Network/Embedded Engineer #101

The Company

Silvus is a fast-growing high-tech entrepreneurial company in the heart of West Los Angeles. The company delivers the most technologically advanced Mobile Ad-Hoc Networking (MANET) solution to multiple markets including: Law Enforcement; Unmanned Systems; and Military, among others. Along with its successful MANET product line, the company also delivers on ground breaking research in the area of wireless data communications. The company has experienced rapid growth over the past 12 months and is expecting the rate of growth to continue with the introduction of new products and services.

The Opportunity

Silvus is seeking a full-time network/embedded engineer responsible for supporting the design, development, evolution and testing of novel networking /distributed algorithms for our MANET radios.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran.

Technical Responsibilities

- Design, develop and test new algorithms in routing, MAC, and transport layer for our MANET radios.
- Design network simulation/emulation experiments to accurately predict system performance in real-world deployments.
- Develop extensive logging and log analysis tools to capture and summarize system performance.
- Support MAC/routing/device driver level debugging.

Qualifications

- **Must be a U.S. person** (U.S. Permanent Resident or U.S. Citizen) due to clients under U.S. government contracts.
- MS required, PhD in Electrical Engineering or Computer Science a definite plus.
- Working knowledge of TCP/IP networking protocols like ARP, DHCP, Routing, QoS, required.
- Working knowledge in Unix/Linux based operating systems required.
- Demonstrated software experience in C required. C++, Python a plus.

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Qualifications (Cont'd)

- Experience developing on/debugging embedded/distributed systems a definite plus.
- Knowledge of wireless communication systems of a communication system (PHY, MAC) a definite plus.
- Strong understanding of CS concepts like graph theory, complexity analysis a definite plus.
- Knowledge of Linux kernel and device drivers a definite plus.
- Experience in simulation and emulation framework (ns2/3, Qualnet, Opnet, EMANE) a plus.
- Able to work independently and demonstrates initiative.

Contact Information

Qualified candidates should send their resume to jobs@silvustechologies.com .