



Job Opportunity for Senior Embedded Software Engineer

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: Commercial Broadcasting; Law Enforcement; Unmanned Systems; and Military, among others. Along with its successful MANET product line, the company also delivers on ground breaking research in wireless communications.

The Opportunity

Silvus is seeking a full time senior embedded software engineer to participate in the development of Silvus' MANET radios and advanced research projects.

- **Must be a U.S. person** (U.S. Permanent Resident or U.S. Citizen) due to clients under U.S. government contracts.

Technical Responsibilities

- Implementation of software portion of MAC (Medium Access Control) and routing protocols.
- Implementation of digital signal processing modules in software.
- Implementation of network management software and web interface.
- Implementation of different security protocols and encryption algorithms.
- Analyze and improve product security and robustness to meet certain regulatory requirement such as NIST FIPS 140-2 and Common Criteria.
- Application and user interface development for customer demonstrations and evaluations.
- Implementation of testing software and product performance and reliability testing.
- Linux system customization and scripting.

Qualifications

- BS Required, MS in Electrical Engineering or Computer Science a definite plus.
- Expert in C programming. Other language such as C++, JavaScript, Python is a plus.
- Linux kernel driver development experiences required.
- Knowledge and experience of different security protocols and encryption algorithms a huge plus.
- 4+ years of relevant embedded system software development experiences required.
- Experiences with socket programming and various Internet/Ethernet protocols a plus.
- Experiences of software development under real-time operating system a plus.
- GUI and web interface development experiences a plus.
- Knowledge of MAC and Networking layer of a communication system a plus.
- Knowledge of digital signal processing a plus.

Contact Information

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

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