



Optimal Technologies (US) Inc., a subsidiary of Optimal Technologies International Inc., is expanding to become the leader in innovative building automation technologies.

The company is seeking experienced professionals with exceptional backgrounds in implementing power system planning and operation software tools, especially power system optimization tools.

**Position:** **Senior Developer, SUREFAST Applications**

This is a salaried full time position.

**Responsibilities:** Responsible for leading small teams creating applications running within embedded Linux system.

- Work with project architect to design and develop applications running on real-time embedded Linux systems.
- Contribute to design specifications.
- Review test plan development and implementation.
- Lead team members in the development of data acquisition and control devices.
- Conduct code reviews and related quality process activities.
- Software development for real-time data acquisition, storage and control.

**Location:** Research Triangle Park Area, North Carolina

**Compensation:** Exceptional, including salaries as well as participation in bonus, stock option, and stock ownership plans. Compensation is based on experience and performance.

**Minimum Qualifications:**

- A minimum of 5 years of experience in application development on Linux/Unix.
- A bachelor's degree in Electrical Engineering or Computer Science or equivalent.
- Experience with event-driven and asynchronous application programming.
- Excellent problem solving, computer and programming skills.
- Proficiency in C as used in real-time systems.
- Familiar with basic networking and using communication protocols.
- Upbeat and flexible attitude; consistent enthusiasm for working in a fast-paced company.
- Good team player capable of doing independent research into topics when required.
- Strong willingness to learn new technologies and techniques.

Candidates with the following added Qualifications will be given special priority:

- Familiarity with network protocols, implementing IP stacks and programming MACs.
- Familiarity with relational databases and their use in applications.
- Experience implementing VOIP technologies.
- Familiarity with hardware and device drivers.
- Working with open source tools.
- Knowledge of security and encryption technologies.

Optimal Technologies is interested in inquiries and submittals from qualified candidates for this position. Please send inquiries, resumes, and salary requirements in Adobe Acrobat (pdf) format to [surefast-software-careers@otii.com](mailto:surefast-software-careers@otii.com)