



Optimal Technologies International Inc. is expanding to become the leader in innovative grid optimization and building automation technologies. Optimal Technologies (US) Inc., a subsidiary of Optimal Technologies International Inc., is seeking experienced professionals with exceptional backgrounds in the design, and implementation of complex optimization, software and hardware systems.

This is an opportunity to be a part of a world-class team in an exciting and extraordinary time of Optimal's growth.

Position: **Application Software Developer, SUREFAST**

This is a salaried full time position.

Responsibilities: Responsible for 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.
- Contribute to test plan development and implementation.
- Collaborate with team members in the development of data acquisition and control devices.
- Software development for real-time data acquisition, storage and control.

Location: Research Triangle Park Area, North Carolina

Compensation: Excellent compensation and benefit plan including participation in bonus, stock option, and stock ownership plans. Compensation is based on experience and performance.

Minimum Qualifications:

- A bachelor's degree in Electrical Engineering or Computer Science or equivalent.
- A minimum of 2 years of experience in application development on Linux/Unix.
- Experience with event-driven, asynchronous application programming.
- Excellent problem solving, computer and programming skills.
- Proficiency in C as used in real-time systems.
- 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:

- Knowledge of basic networking and use of communication protocols.
- Experience with relational databases and their use in applications.
- Familiarity with network protocols, implementing IP stacks and programming MACs.
- 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