



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: **Embedded Software QA Engineer, SUREFAST**

This is a salaried full time position.

Responsibilities: Responsible for creating frameworks and applications to automatically exercise application code running on embedded systems.

- Design and develop a framework that will be used for testing embedded application software.
- Understand application requirements and design tests to verify proper operation against those requirements.
- Track defects found and verify fixes properly address the problems.
- 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 embedded system development experience and 1 year of embedded Linux development
- Experience with various test methodologies.
- Apply available tools for profiling code coverage and memory usage.
- Excellent problem solving and programming skills.
- Proficiency in C as applied to embedded platforms.
- Comfortable working with hardware: reading data sheets, schematics, using JTAG interfaces and diagnostic equipment.
- 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 qualifications will be given special consideration:

- Experience with a variety of hardware devices and peripherals.
- Familiarity with network protocols.
- Experience with code reviews and related quality processes.
- Working with open source tools.

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