



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:** **Senior Developer, AEMPFAST User Interface**

This is a salaried full time position.

**Responsibilities:** Responsible for full QA and testing of the AEMPFAST product.

- Define user interface guidelines for the AEMPFAST product based on industry best practices.
- Promote, practice and implement user-centered design principles and methodologies.
- Provide interface design expertise and review from concept development through delivery.
- Work with other software developers to ensure compliance with interface design standards.
- Conduct ongoing research of user interface development best practices.
- Ensure that proper unit testing is performed by all programmers.
- Work with QA to develop integrated and functional tests.
- Work on the API portion of the AEMPFAST code, as required.

**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:**

- University degree in Computer Science or similar.
- Significant (5+ years) of development experience in graphical user interface design and usability, specifically as it relates to commercial software applications.
- Deep knowledge of user centered design principles and best practices.
- Significant (5+ years) experience using Java SDK.
- Experience (2+ years) with Eclipse plugin architecture and SWT graphics library.

- Familiar with unit testing.
- Experience developing on Linux and Windows platforms.
- Excellent verbal and written communication skills to interact with other stakeholders and other project programmers.
- Passionate about code and design.

Candidates with the following qualifications will be given special consideration:

- A postgraduate degree in Computer Science or equivalent.
- Java 6 experience.
- Strong Graphical Design skills.
- Experience with usability testing.

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 [aempfast-careers@otii.com](mailto:aempfast-careers@otii.com)