



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: **Project Manager, AEMPFAST Engine**

This is a salaried full time position.

Responsibilities: Directly responsible for product deliverables and technical oversight of Optimal's AEMPFAST Engine Software development team.

- Provide leadership and coordinate AEMPFAST Engine deliverables from concept phase to design and end user delivery.
- Manage and grow AEMPFAST engine development team.
- Interact with customers to gather customer requirements.
- Specify and design AEMPFAST analysis, planning and operational tools.
- Manage verification and testing of the developed engines.
- Manage and co-ordinate AEMPFAST product releases with other AEMPFAST project managers.

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:

- 5-10 years of experience in design and development of power system analysis, planning and/or operational software including loadflow, dynamic stability and optimization packages.
- 3-6 years of experience as a senior level developer or researcher.
- Very good understanding of power system analysis problems and algorithms, especially optimization problems such as OPF, economic dispatch and unit commitment.
- A masters or Ph.D degree or equivalent in Electrical Engineering with Power Systems background.

Special Priority will be given to candidates with the following skills:

- Power utility experience in planning and/or operational roles.

- Experience with sparse matrix and other numerical analysis techniques.

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