



Position Advertisement

Application Engineer I

Position Requisition # 041216-002

Location: Charlotte, NC

Department: Project Engineering

Status: Full-time, salaried

Salary Range:

Benefits: Competitive benefits package including 401K with match and profit sharing

Experience: 0-5 years applicable or related experience

Education: 4-year technical degree

Relocation: n/a

Travel: 20-60%

Company Information:

Affinity Energy is a control systems integrator that specializes in power and energy management systems. Due to the increase in renewable energy, Affinity Energy is growing.

We're seeking quick learners with a solid work ethic and uncompromising level of integrity. We work in a constantly changing and specialized field, so it's important to be motivated, communicate well, and learn fast. We invest in our employees and provide them with tools and training to ensure their professional growth and success.

Position Description:

Application Engineer with responsibility for designing, programming, installing, and supporting SCADA (Supervisory Control and Data Acquisition) systems.

Duties:

- Develop project submittals and drawings
- Layout system network architecture
- Design graphical user interfaces
- Configure and program SCADA application software
- Troubleshoot onsite network issues using appropriate tools
- Configure and program sensors, I/O devices, radios, cell modems, and networking equipment for solar site applications
- Program logic for remote monitoring alarming systems and data loggers
- Install and terminate onsite network cables including, but not limited to, cat5e, cat6e, and serial communication lines
- Provide system documentation
- Install, test, commission, and train customers
- Provide ongoing customer support



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Skills:

Required Qualifications:

- Passion for using software to solve problems and create solutions
- Proficient in one high level programming language
- Highly self-motivated and driven
- Demonstrated ability to learn quickly
- Professional and dependable
- Proficient in Microsoft Word and Excel
- Familiar with electrical power distribution and energy systems
- Sound written and oral communications
- Willing to work outside, sometimes in inclement weather

Preferred Qualifications:

- SCADA experience
- AutoCAD experience
- Knowledge of electrical distribution
- Building automation experience
- Familiarity with networks
- Structured Query Language experience
- PLC programming

Other:

- Valid US Driver's license, drug screen and background check required
- Able to work in the US for any employer