



Electrical Engineer

Silicon Power Corporation of Malvern, PA is accepting resumes for an Electrical Engineering position. Our ideal candidate is self-motivated, results orientated and capable of serving a leadership role in the wide range of technologies served by Silicon Power.

The chosen candidate will demonstrate both innovative and practical solutions to challenging projects in the rapidly expanding field of power electronics. He or she will be experienced in simultaneously contributing to multiple projects; generating and complying to timeline and milestone reports. The ideal candidate will become proficient in all aspects of Silicon Power's technological contributions by understanding and leveraging our core technical advantages.

Responsibilities:

- Design of Electrical Power Systems for industrial and utility applications in addition to various high power and high voltage projects
- Contribute to assembly, test, installation and maintenance of electrical systems and their subcomponents
- Meet time-sensitive deadlines by coordinating and collaborating with team members from various internal departments of Silicon Power as well as outside vendors, contractors and clients
- Documentation of designs including electrical, mechanical and assembly procedures

Minimum Qualifications and Skills:

- Bachelor's Degree in Electrical Engineering (BSEE)
- Five years' experience in engineering work: design, test, evaluation and/or commissioning of power systems for industrial or commercial environments
- Experience in troubleshooting system level faults
- Use of multiple software types such as, AutoCAD, SolidWorks, PSCAD and Microsoft Office
- Demonstrate working knowledge of high voltage environments

Desirable Skills:

- Electro Magnetic and Electric Field Simulation Experience required for near and far fields
- Strong analytical background in 3-phase systems
- Strong analytical background in power conditioning, i.e. power converters, transformers, energy transfer
- Familiar with regulatory specifications i.e. industrial power systems, military designs, etc.
- 5 to 10 years of industrial experience in related fields considered

US CITIZENSHIP IS REQUIRED

Compensation is commensurate with experience and qualifications. This is an exempt overtime position. Company provides medical and dental insurance and 401k matching. Other benefits include paid time off for: vacations, sick/personal time and holidays.

Please send resume with salary requirements to HR@siliconpower.com