



Electronics Design Engineer

Description

Signum is accepting applications for an Electronics Design Engineer to join our engineering. Our team develops custom electronics for a variety of industries from construction machinery to medical devices. Our focus is on developing, designing, and supporting superior products that enable internet connectivity. The advanced technology we are creating promotes performance, safety, and ease of use in every market we serve.

If you love hands-on product development where you can see your work making a difference to the business right away, we have the job for you. This position is located in the small town of Richardton in rugged southwest North Dakota.

Qualified candidates possess a Bachelor's of Science Degree in Electrical Engineering or Computer Engineering, AND at least three years of relevant work experience. Other requirements include:

- Understanding of microcontrollers and their peripherals, power supply design, wireless technology integration, and regulatory compliance testing
- Mastery of the design of analog and digital circuits
- Proficiency using PADS schematic capture and board layout software preferred
- Proficiency using test equipment such as oscilloscopes and spectrum analyzers

Responsibilities

- Perform as a technical leader for new and existing hardware designs
- Collaborate and add value through participation in peer reviews, providing comments and suggestions
- Provide reliable solutions to a variety of problems using sound problem solving techniques
- Contribute to technical research on new technologies
- Estimate level of effort for new projects
- Assist in all aspects of the design process from board bring-up to manufacturing test development

The Signum Advantage

Signum is an exciting young company positioned for rapid growth. Our employees are exposed to a wide variety of projects and work at the cutting edge of Internet of Things (IoT) technology. Competitive pay and benefits add to a culture where people are valued not only for their technical skills but also as individuals with their own unique ways to contribute to the overall vision.