

SILENT POWER, INC

Job Description Form



Division/Department	Engineering		
Location	Baxter, Minnesota		
Job Title	Software/Firmware Engineer		
Reports to	Dan Pehrson	<i>Title</i>	Director of Engineering

Level/Grade	Type of position:	Hours_____ / week
	<input checked="" type="checkbox"/> Full-time	<input checked="" type="checkbox"/> Exempt
	<input type="checkbox"/> Part-time	<input type="checkbox"/> Nonexempt
	<input type="checkbox"/> Contractor	
	<input type="checkbox"/> Intern	

GENERAL DESCRIPTION

- Embedded firmware development in C
- Embedded software development in C#, C++, .NET, Windows CE
- New Product Development
- Develop/write firmware/software specifications for new products
- Continuation engineering on existing products
- Support R & D on new products

WORK EXPERIENCE REQUIREMENTS

- Experience writing firmware for embedded applications
- Experience with web server based architecture in an embedded environment
- Experience writing software for PC applications/applets
- Good working knowledge of compilers
- Experience working with and programming CAN interface a plus
- Experience writing firmware for the MSP430, NXP ARM, or TMS320 processors a plus
- Embedded development using C# or Linux a plus
- Embedded development using Windows embedded CE and .NET a plus
- Some understanding of and a commitment to renewable energy
- Outstanding analytical and troubleshooting skills.
- Expertise in using debugging tools to analyze software defects and impacts of changes.
- Extensive Knowledge of .Net and the classes that build the framework.
- Extensive knowledge of Object Oriented Design and Programming.
- Experience with UL 1998 a plus

EDUCATION REQUIREMENTS

- BSCS/BSEE
- 5+ Years experience

REVIEWED BY	<i>Title</i>
APPROVED BY	<i>Title</i>
DATE POSTED	
DATE HIRED	