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Job Description: Polestar Technologies is seeking a *Digital Electrical Engineer* with direct experience in the design and development of electronics for ruggedized optical instrumentation.

Requirements

- Solid experience with component selection, embedded microprocessors, embedded single board computers, real-time systems, high speed data transfer, motor control, and analog and digital signal processing.
- A minimum of five (5) years industrial experience in C/C++ and assembler programming.
- Extensive experience in the design, fabrication and debugging of circuitry for both line- and battery-power systems.
- Must have worked directly on the development and implementation of control strategies including both hardware and firmware, for high speed event triggering and data transfer.
- Previous experience with shortwave infrared lasers and imaging hardware would also be advantageous to the applicant.
- Must be well organized, have excellent communication skills, and a demonstrated ability to work within a multidisciplinary project team
- Must be US citizen.