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Job Description: Polestar is seeking a *System Engineer* to assume the lead role in taking an existing laboratory bread board optical instrument to a brass board prototype and finally to a field-usable prototype that can be a product. The feasibility of the breadboard has been demonstrated in the laboratory already.

Required Experience and Skill Sets:

- A proven record of accomplishment in designing instrumentation, assembly and testing of prototypes, and making the transition of field-tested prototypes into a commercial product. The candidate should be able to identify one or more existing products that were developed directly under their leadership.
- A working knowledge of C/C++ and assembler programming, extensive experience with the design and development of electronics, firmware, and hardware packaging are essential.
- Hands on experience with shortwave infrared lasers and imaging hardware would be preferred.
- Excellent organization and communication skills.
- Demonstrated ability to organize the activities and work within a multidisciplinary project team.
- Must be US citizen.