

Agr International, Inc., a Western Pennsylvania firm with world-leading measurement & inspection technology, is looking for an **Electrical Engineer I** to join our product design and development team. Our equipment incorporates multiple technologies including infrared light absorption, sonic, capacitive sensing and vision-based technology.

Agr International, Inc. headquarters is located in Butler, Pennsylvania (approximately one hour north of Pittsburgh). For additional information about our company and products, please visit our website at www.agrintl.com.

Responsibilities will include the design and integration of control systems that utilize an FPGA, DSP, microcontroller, PLC, or embedded computer as the main controller.

This position requires a Bachelor's degree in Electrical Engineering along with 0 to 3 years of related experience.

Primary skill set desired:

- Experience with Verilog, VHDL, Assembly Programs, and PLC's and DSP's
- Experience with Windows OS and Linux environments
- Experience with using the following devices: Oscilloscope, Function Generator, Network Analyzer, Logic Analyzer, Digital Multimeter, Power Supplies, and Soldering Iron;
- Experience with using the following software applications: OrCad Capture CIS, PSpice, PCB Artist, TI Code Essentials, Quartus II, Xilinx ISE/ChipScope, Linear Tech Power Play, MPLAB IDE, Allegro, Altium Designer Viewer, KiCad, MS Office, and MATLAB;
- Experience with digital circuit design and embedded system design;
- Experience with FPGA-based motion control systems and stepper motors.

We offer a competitive salary and comprehensive benefits package.

For consideration, please email resume and cover letter to EE@agrintl.com.
U.S. Workers only. EOE.