



## Position: Controls Engineer I

Farris Automated Systems LLC is a supplier of custom automated assembly equipment for the automotive, heavy industrial, and general manufacturing industries. We offer complete turnkey systems from concept to installation. Farris Automated Systems employs engineers, machinists and assemblers in Mukwonago, WI. See our website at [www.farrisautomation.com](http://www.farrisautomation.com) for more details.

### Job Description:

Entry level Controls Engineering / Programming position. You will be designing custom automated equipment that requires basic knowledge of motion control, sensors, pneumatic cylinders and valves, mechanical linkages, motors, HP, torque, and Allen Bradley PLC and PC programming knowledge.

The job will be non-repetitive in nature with 10-15 machines designed per year. The estimated job categories are:

- 60% Schematic generation and basic programming
- 20% Hands on assembly and building
- 20% Project Management, installation, sales

The estimated travel will be 15%. Some weekend work and travel required.

### Basic Knowledge:

- Studio 5000, PC touch screens
- PLC ladder logic knowledge – preferably Allen Bradley
- AC servo drives, motors, Pneumatics
- Touch screen programming
- Electrical schematic drawing using AutoCAD Electrical
- Ethernet networking
- Must be able to manage 4-5 projects at the same time (multi-tasking)

### Travel:

- Travel to customer sites will be required for some jobs.
- Travel is generally in the US, but some overseas travel may be required
- Trips can range from 1 day to 2 weeks with advanced notice

Benefits:

2 weeks vacation, + holidays, + Flex Hours  
Job training on new technologies for current applications  
401k, Health insurance, life insurance  
Relocation package available.

E-mail resume and references to [mark@farrisautomation.com](mailto:mark@farrisautomation.com).