

# SOUTHERN FLOW, INC.

Instrumentation - Telemetry - Controls

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## ***Jr. Control Systems Engineer***

Southern Flow, Inc. is a growing systems integration firm based in Alpharetta GA, working in the fields of Instrumentation, Telemetry and Controls Automation throughout the Southeast. We are currently seeking individuals for an *entry level* control systems engineer position with potential for growth. The individual will assist in designing, programming, and commissioning our custom, “turn-key” control systems for water and waste water plants.

### Primary Job Duties:

- Assist the project engineer in developing panel wiring diagrams, layouts, and submittal data for approval, fabrication, and installation.
- Programming of PLC (Programmable Logic Controller) and HMI (Human Machine Interface) to meet project requirements.
- On site system start-up and commissioning of our control systems
- Interfacing with contractors and end users
- Troubleshoot and support existing customers and installations.

### Requirements:

- BS in electrical engineering (technology), computer science, or mechanical engineering.
- Ability to understand and apply principles of both AC and DC electrical circuits, including 3 phase AC power and motors.
- Familiarity with drafting software, specifically AutoCAD, or the ability to learn the software.
- Ability to learn and apply component specification, construction techniques and requirements as defined by Underwriters Laboratories Inc. 508-A and 698 specifications.
- Competent in the use of small hand tools and soldering equipment in the construction of instrumentation control panels and consoles as described by project specifications and drawings created by SFI Engineers.
- Ability to read and interpret technical specifications / drawings necessary to construct the control panels and interface to OEM sub-systems used in our automation equipment.
- Ability to learn and apply programming principles in PLC ladder logic across various PLC platforms.
- Construct work products that meet SFI’s requirements for construction of high-quality professionally developed systems.
- Strong, fundamental understanding of computers, networking, and the Microsoft Windows XP and 7 operating systems.
- Strong interpersonal and communication skills, and an ability to work both independently and in a team environment.
- Ability to travel up to 35%

This position is an entry level position and provides a clear path for career development and advancement to *Associate Control Systems Engineer* within 1-2 years for the individual who merits and earns advancement. SFI management performs yearly performance evaluations against defined performance objectives and criteria, with salary adjustments as merited.

The position offers work hours between 8:00 am and 5:00 pm Monday through Friday. Up to 35% travel time will be required to start-up, commission, and service customer locations around the southeast. Weekend stays are extremely rare. A company provided vehicle will be provided for all travel and all testing equipment and required tools will be provided.

Additional information about our company and the products and services we provide can be reviewed at our web-site: [southernflowinc.com](http://southernflowinc.com)

If you feel you are qualified and willing to work hard to be successful in this significant career development and learning opportunity, please submit your resume and requirements to:

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