

## **\*\*\*IMMEDIATE NEED: Building Automation System Controls Programmer\*\*\***

We are actively seeking a qualified DDC Tech / Programmer / System Integrator to join our team, with experience using the Alerton, Distech, Siemens Talon, and Tridium-Niagara platforms.

This individual will utilize software tools, and their knowledge of HVAC & Building Automation Systems to develop Apps and instructions for DDC controllers and graphical front-end user interfaces.

The BAS programmer will work alongside Project Managers, System Engineers, Field Installers, and the end user to fulfill the project requirements.

The ideal candidate will understand computers & networking on various levels (depending on experience). They must be able download Apps into equipment specific controllers and perform point to point verification of proper operation.

The BAS Programmer must be able to startup & commission, troubleshoot, modify, and make repairs to the software App and the device being controlled or monitored by the controller. This role will additionally have the need for the BAS programmer to integrate with equipment that already comes with controllers which have been "factory mounted & programmed".

- **Job Type:** Full-Time
- **Experience Level:** Looking for both Experienced & Entry Level candidates
- **Location:** Louisville, KY
- **Salary:** Dependent upon experience
- **Company Benefits available:** Health, Dental, Simple retirement IRA, paid vacations and Major holidays, along with short term and long term disability options. AND yes, we offer training!

### Role Expectation:

- Convert project requirements into computer program application(s)
- Download Apps / programs into Controllers.
- Set up system Graphical User Interface(s), trends, alarms, & reports.
- Confirm program operation by conducting point to point tests and modifying program sequence if needed.
- Coordinate details & time-frames of the startups customers.
- Startup and commissioning will consist of field device inspection, testing and calibration, hardware operation verification, and testing of equipment sequence of operations.
- Some assignments will require performing service and repair on existing DDC systems.
- Understand and utilize a multimeter for advanced system diagnostics
- Submitting any required commissioning documentation.
- Documenting all changes within As-built drawings.
- Assists Jr. personnel with training and solutions to systems problems.
- Provide consistent communication management and customers.
- Provide technical guidance throughout development, construction, and project commissioning phases of projects.
- Manage the coordination of integration services with 3<sup>rd</sup> party equipment & technicians.
- When designing or completing a project... Utilize, store & update all Applications and Graphics packages within the company software library.
- Maintain backups of customer databases.

- (More Advanced Programmers) Set up and configuration of PC Workstations, user interfaces, data servers, IP Networking devices, protocols, routers, switches, mass storage devices and hubs. Confirms proper network performance.
- Coordinate startup services: Work with customer's IT Department to coordinate network drops, ip addresses, and monitoring tools. Work with equipment vendors to coordinate communication protocols and any requirements to integrate with their systems.
- Provide end-user Training to customers upon completion of project.
- Occasionally attend routine progress meetings with the customer.

## **Qualifications & what you need to be successful:**

- We are looking for someone who easily adapts to new worksites and projects quickly.
- Understand this is a hands-on technical position that requires use of a laptop, hand tools and multi-meter performing startup and commissioning of computerized HVAC temperature control system.
- Experience with BACnet, LON, Modbus, Alerton, Distech, Visio, Tridium, Niagara, or other Building Automation Systems is a requirement.
- Technical school or Associates degree (2 year) preferred, although a combination of education and experience will also be considered.
- Understand drag and drop or block logic programming
- Above average computer skills required
- IT experience is a strong plus.
- Computer networking and Wireless Experience is a plus.
- Strong attention to detail.
- Field experience in service & repairs of HVAC equipment.
- Working knowledge of electrical systems, low voltage controls & building automation systems.
- Strong communication and customer service skills
- Must communicate effectively orally and in writing.
- Ability to read and understand mechanical drawings, control drawings, wiring diagrams, specifications, sequences of operation, and installation and operation manuals.
- Analytical thinking and technical ability for the troubleshooting of device failures and or control wiring problems.
- Positive and professional attitude
- Must have the ability to work without direct supervision.
- Willingness to learn new HVAC controller lines, software and new concepts.
- Valid driver's license, a clean driving record, and a reliable vehicle with proper insurance
- Occasional out-of-town work assignments
- Able to pass drug screen & security clearance required by clients.
- Willing to work flexible hours as needed.

**Those interested in applying, please send your resume, call or email:**

Contact David Stumler

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