# \*Insert Company Logo Here\*

**AV Programmer**

**Location:** Local operations office

**Reports to:** Operations Manager

**Direct Reports:** None

Position Overview

This position is responsible for creating a consistent and reliable control program based on design documents generated by the engineering Team. This individual will also create the user touch panel interface, tying in client specific branding to create a pleasing custom aesthetic that is both functional and intuitive.

Essential Duties and Responsibilities:

* Participate in the design process with the Design and Installation teams to ensure desired system functionality
* Develop a schedule to complete the required programming tasks including preliminary programming, rack construction, and final programming
* Perform system implementation tasks including testing equipment rack assemblies and on-site final programming and troubleshooting
* Continuously refine and maintain mechanisms for efficient re-use of programming code required to interface with system components
* Maintain a high degree of technical familiarity with residential technology systems including components, controllers, lighting, networks, mobile computing devices, cloud-based streaming services, etc. to enable rapid integration and configuration of systems
* Explore programming and control equipment that may be relevant to the Company and its clients. Make recommendations to management regarding new devices and techniques
* Identify areas where software, system programming, or technology services can be leveraged to either differentiate the Company or enhance the Company’s ability to conduct programming project activities efficiently.

**Skills and Abilities Required:**

* Applicants should have a minimum of 3 years of programming experience with Crestron, Savant, Control4, and/or Lutron system programming tools. Experience with graphical interface design is desired but not required.
* Strong networking knowledge and trouble-shooting skills are preferred.
* Demonstrated ability to program system controllers including Crestron, Savant, AMX and Lutron
* Ability to conceptualize component interactions and installation environments to ensure desired functionality prior to physical installation
* Knowledge of electronic componentry, network architecture, and programming systems typical of home automation, theater, distributed audio & A/V system installations
* Knowledge of software development and programming methods used in the industry and the ability to implement processes and tools as needed