

**TITLE:** Senior AV Systems Programmer

**REPORTS TO:** Director of Audiovisual

**JOB DESCRIPTION:**

The Senior AV System Programmer will be responsible for configuring and programming all systems that our clients use to control their AV systems. Integrity, responsiveness, AV knowledge, strong networking knowledge, network switch configuration, and DSP experience are all attributes that will make the Senior AV System Programmer successful.

**RESPONSIBILITIES:**

- Work closely with the engineering team to assist with detailing project scopes, bills of material, and proposal documentation for projects
- Create and develop the graphic user interface in collaboration with the end users to provide an easy-to-use AV system
- Write the source code to control all of the audio video equipment to include system power, camera positioning and presets, source selection, volume control, divide/combine functionality, video conferencing hardware control, and DSP configuration
- Set up all of the network switches to manage audio over the network (Dante) and AV over IP devices (AVoIP)
- Be a subject matter expert in control system programming and network configuration

**QUALIFICATIONS:**

- 5+ years' experience as an AV system Programmer
- Bachelor's degree in math- or science-related field desirable
- Extensive knowledge of audio, video and control systems as well as network configuration
- Strong math and writing skills
- Must be proficient programming and controlling all major manufacturers of professional AV equipment including Crestron, Extron, Logitech, Cisco, Poly, Harmon Pro (Samsung and AMX brands), Biamp, QSC, Barco, Mersive, Planar, Christie Digital, and others
- Must be proficient in AVoIP systems including Crestron NVX
- Must be proficient in configuring network switches including creating vLAN's for Dante audio and AVoIP data, and connecting and configuring multiple switches to create an enterprise wide AVoIP network. The switch manufacturer typically includes Cisco, Luxul, Extreme Networks, Linksys and others.
- Avixa certification – CTS, CTS-I or CTS-D highly desired
- Experience using Microsoft Office applications

**ADDITIONAL REQUIREMENTS:**

- Personal Skills: Detail-oriented. Organized. Good oral and written communication skills.  
Ability to work effectively in a team environment
- Ability to research and train on products as self-directed
- Punctual team player
- Must be comfortable interacting with clients and representing BIG
- Ability to direct the work of others - technical supervisory experience a plus

Send your resume to [resume@biggp.com](mailto:resume@biggp.com). We are looking forward to hearing from you!