



Broadatacom.com

Broadata Communications, Inc. (BCI), a subsidiary of Intellisense Systems, Inc., is a privately held, California-based corporation. BCI has a reputation as a leading and innovative company specializing in the development of market-driven products for the transmission of digital multimedia (video, audio, and data) over fiber.

Many of BCI's clients are world leaders in their industry, which span a wide variety of industry segments including entertainment, broadcast, medical, professional audio/video, house of worship, education, government, military, and transportation.

What You'll Do:

- Lead and/or work with a team of engineers for new video hardware product design, development, verification, and documentation
- Support Sales for critical customers/projects in providing product/system design knowledge and troubleshooting system interoperability among diverse video/audio standards.
- Collaborate with Production, Marketing, and Sales for product requirements, releases, supports, and testing
- Other duties as assigned

Experience/Education:

- Bachelor of Science in Electrical Engineering, information technology (IT), Computer Science, or Computer Engineering (Masters preferred).
- At least 5-years' hands-on electronic chip-level and/or board-level circuit design and simulation experience in high-speed video/audio/data transmission, switching, and/or processing for products such as video analyzers, video scalars, video matrix switchers, video wall, etc.
- Must be an expert in diverse video interface standards and specifications (including, but not limited to, HDMI, DisplayPort, 12G-SDI, etc.), with extensive high speed TMDS circuit troubleshooting and low speed control/sync logic design experiences.
- Equipped with in-depth logic design know-how for developing program coding in CPLD, FPGA, or microprocessor to handle video processing and control functionalities.
- Have both analog and digital circuit design and debugging experiences down to transistors, MOSFET, resistor/capacitor/inductor, etc., level.
- Familiar with firmware design and fiber optics is a big plus.
- Demonstrable past capabilities in solving complex video design problems
- Great oral/peer/customer communication skills
- Highly self-motivated for personal career growth

Benefits:

- Medical, Vision, Dental Insurance
- 10 paid holidays
- 401(k) matching, 100% of the first 4% in eligible compensation
- Flexible Spending Account
- Voluntary Life Insurance