



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.

We are looking for a hands-on **Senior Project Engineer II**.

Job Description

- Oversee product development projects from inception to production
- Verify all projects meet the operability needs of the customer
- Conducts product failure analysis and defines appropriate corrective action
- Work with a team of hand-on product design and testing engineers for new video system design (hardware, software, firmware), development, troubleshooting, verification, and documentation
- Collaborate with Production, Marketing, and Sales for product requirements, releases, supports, and testing
- Participates in brainstorm sessions to help offer new ideas, solutions for other engineers
- Work outside of traditional comfort zones where process definition does not exist or is unclear

Job Qualification

- Bachelor's Degree in Electrical Engineering, Information Technology (IT), or Computer Science.
- Master's Degree or in process for Master's Degree in Electrical Engineering, Information Technology (IT), or Computer Science, preferred
- At least 5-year hands-on circuit design and system integration and support.
- Knowledgeable 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. are highly desired.
- Embedded MCU/CPU programming and debugging
- Knowledge of Network configuration and setup is preferred
- Knowledge of HD/UHD varies of Digital Video format and specifications
- Experience with CPLD, FPGA, and Microprocessor programming and coding
- 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