



Broadata Communications, Inc. (BCI), a subsidiary of Intellisense Systems, Inc., is a privately held, California-based corporation. BCI is 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 Software Integration Engineer**.

This is not a remote position.

Veterans welcome!

### **Job Description**

- Work with a team of hands-on engineers in the design and development of the HW & SW components of video systems, troubleshooting, and verification.
- Develop system designs that integrates several different technologies, prototype and evaluate them for market readiness.
- Perform V&V of vendor hardware and software products and generate test reports to share with customers.
- Collaborate with Production, Marketing, and Sales for product requirements, releases, support and testing.
- Generate the technical content for documentation such as datasheets, user manuals, test plans, reports, ISO compliance, etc.
- Take the products through compliance certification such as ISO 60601.
- Design and develop test frameworks in python, firmware in C, server-side code in NodeJS, cross-platform UI in JS+HTML, etc.

### **Job Qualifications**

- Bachelor of Science in Computer Science, with hands-on development experience (Masters preferred).
- Expert level proficiency in at least one of these programming languages:
  - JS
  - C/C++/C#
  - Python
- Experience with Automated testing & python based UI is a plus:
  - Robot Framework, JIRA Xray, etc.
  - PyQT, Kivy, TKinter, Figma
- Experience with cross-platform UI and API development is a plus:

- HTML5+JS
- NodeJS
- React Native (Android/iOS apps) and/or Electron (Windows/Linux)
- Working knowledge of DevOps – CI/CD, JIRA, Bitbucket, etc.
- AWS Lambda functions
- Great verbal/peer/customer communication skills
- Highly self-motivated for personal career growth
- Willingness and demonstrated ability to self-learn and work in new technology domains.
- Ability to work self-directed and unsupervised when required.

**Preferred but not mandatory**

- Knowledgeable in high-speed video/audio/data transmission, HD/UHD varieties of Digital Video format and specifications, switching, and/or processing for products such as video analyzers, video scalers, video matrix switchers, video wall, etc.
- Demonstrable past capabilities in solving complex video streaming problems.
- Knowledge of Network configuration and setup is preferred.

**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