

Overview

Ashly Audio is seeking an Embedded Systems Engineer to develop, validate and maintain firmware for network audio amplifiers, digital signal processors, remote-control devices and network audio interfaces.

Responsibilities

- Develop firmware features, hardware drivers and control system code for embedded Linux platforms
- Assist with embedded platform engineering
- Create documentation, flow charts and data models for software designs
- Design and implement software using C, C++, Python, JS or other languages as appropriate, using modern design practices and techniques
- Define test plans and develop test automation projects to effectively validate code designs
- Work with hardware engineers to understand system integration requirements
- Work with technical support staff to investigate and correct reported bugs or deficiencies
- Other duties as assigned

Qualifications

- Must be a team player, willing to collaborate and share ideas with other engineers
- Bachelor's degree in Computer Science, Computer Engineering, Electrical Engineering or equivalent education and experience
- 2+ years of commercial embedded development experience
- Proficiency with C and/or C++ programming languages
- Experience with one or more scripting languages, such as Python
- Experience with Linux and/or Unix programming and architecture
- Familiarity with Node.JS, MySQL and JSON is desired
- Proficiency with Ethernet TCP/IP network communication
- Experience with one or more of the following:
 - Graphical User Interface development
 - Network-related programming (such as client/server applications, asynchronous processing).
 - Designing and implementing communications protocols.
- Familiarity with USB protocol, messaging and stream pipes is a plus
- Familiarity with DSP, machine learning or neural networks is a plus
- Experience with the use or design of professional audio products is a plus
- Excellent written and verbal communication skills

Location

Ashly Audio, Inc.
847 Holt Road, Webster, NY 14580

Ashly offers their employees competitive compensation and a comprehensive benefits package including medical, dental, and life-insurance, plus paid time off and a 401(k) plan.

Ashly Audio, a JAM Industries, Ltd. Company, has been recognized as a world leader in designing and manufacturing quality audio signal processing equipment and power amplification for use in commercial sound contracting and professional audio markets. Our philosophy established from the very beginning, over 43 years ago, is to offer only the highest quality audio products to our customers. Ashly has a strong brand reputation and a loyal following in our market across the world.

<http://ashly.com/>
<http://jamindustries.com/>