

Position Title: Senior Embedded Software Engineer
Reports to: Vice President of Engineering



Opportunity Snapshot

Lab X Technologies, LLC, the leading engineering design partner specializing in networked audio/video systems for the professional, commercial, and residential markets, is searching for an experienced Embedded Software Engineer. This position reports to the Vice President of Engineering and will play a significant role in the continued growth of the company as an industry engineering leader and the continued development of Lab X IP (intellectual property) for the emerging AVB (Audio Video Bridging) IEEE standards. The position will require close interaction with clients (marketing and design personnel) and other Lab X design team members.

- We are recognized as leading edge providers of the AVB solutions audio and video solutions.
- We are committed to establishing long-term, mutually satisfying relationships with both our team members and our clients (world-wide recognized brands!).
- We base our relationships with team members and clients on openness and integrity. You can expect us to provide you with the knowledge and clients to take on challenging engineering projects. In turn, we'll expect you to bring engineering skills and a commitment to client service, as well as a desire to grow and prosper with a solid and dedicated team.

What You'll Bring to the Table

- Self-motivation and goal orientation
- Solid understanding of audio engineering
- Superior organizational and time management skills
- Bachelor's degree in Computer Science or Computer Engineering (Associate degrees with extensive experience may also be considered)
- 7+ years experience in embedded system design of software/firmware

What's In It For You?

- **Creative environment** -- We value creativity. We develop broad IP platforms and complete product concepts. Our biggest and best customer relationships have come from product concepts that we developed and brought to the manufacturers. We live a culture of innovation.
- **Autonomy** -- With the support of your team and with solid guidelines in place, you'll drive your own success and determine the most effective ways to reach your goals.
- **Pride** -- Lab X truly leads the world in connectivity solutions. When the top A/V component manufacturers think to outsource their digital networking challenges, they think of Lab X first.

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Your Role

- Software/Firmware
 - Utilize your extensive C and C++ skills in embedded systems. Lab X uses advanced C++ regularly
 - Utilize your Object Oriented Design skills regularly architect scalable, “future-proof” embedded software systems.
 - Do systems level programming interacting with board-level hardware and low level drivers
 - Use your embedded Linux knowledge and experience building kernels, writing drivers, etc.
- Project
 - Provide time and material estimates for projects, including task breakdown and job quote generation
 - Participate in project management by providing status on tasks and revising current time to completion
 - Design evaluation

Keys to Success

Exceeding expectations is not only the key to our company's success but also the key to your success within this role. At a fundamental level, your performance will depend on the satisfaction of your client, profitability of your projects, the timeliness and accuracy of your reports, and your capacity for effectively collaborating with your teams both within the organization and those involved in your projects. Your primary mission as Embedded Digital Audio Engineer will be to develop truly satisfied clients by providing unparalleled customer service. Within this market, you will represent our organization as consistently willing to go "above and beyond" to meet the needs of our clients. Additional keys to your success include:

- **High Energy** -- we need those who are excited about what they do, and thrive on a fast paced environment.
- **Ability to "rise to a challenge"** -- as in any complex project, challenges arise in our environment, and we will look to you to remain flexible, communicate openly regarding obstacles you encounter, and to develop creative strategies to overcome those obstacles.
- **Excellent communication, negotiation, and interpersonal skills** -- you'll need to build solid relationships with a wide range of personalities and skill levels in order to understand your requirements and to effectively leverage available resources.
- **Self-motivation** -- in an environment with little to no micro-management, we'll depend on you to be highly driven, efficient, and organized as you manage competing priorities and work independently to accomplish your goals.
- **"Team player" attitude** -- we employ an exceptional group of professionals, each with their own specialty that is essential to the success of the team. We'll expect you to not only work with those around you in a respectful fashion, but to also be willing to step in and support the team when your skills are in demand.