CONKLIN INTRACOM

fs|cdn Embedded Firmware Engineer

Job Description

The success of Conklin-Intracom's fs|cdn IPTV solution is causing us to seek individuals who what to be part of a growing and dynamic team that is redefining the next generation of IP-based entertainment.

We are looking for highly motivated individuals who want to be challenged by customers implementing the next generation of IP-based TV. Major responsibilities will include porting of IPTV set-top boxes to the fs|cdn system. Position will require working with set-top box manufacturers as well as an international development team.

Qualifications and Abilities

The ideal candidate will have experience in Linux-based IPTV set-top box porting. Must have experience in embedded firmware development for a consumer product.

Skills

- Embedded programming, Java, C++
- Experience with real-time operating systems, including Linux
- Ability to understand hardware block diagrams and schematics
- Ability to troubleshoot, test, and debug
- Experience in development of Linux-based IPTV set-top boxes, or enough technical understanding to be able to learn:
  - hardware architecture (read and understand hardware block diagram/schematic/data sheet)
  - software architecture (Linux kernel, Drivers, POSIX, middleware in ANSI C, Java VM)
- Debugging and troubleshooting of embedded Linux systems
- Implementation of POSIX-based multithreaded applications (understanding of interprocess communication)
- Ability to travel and to support customers face to face
- Ability to work on an international team

Education

Bachelor or Masters Degree in Electrical Engineering or Computer Science

Location

Atlanta, GA (Duluth). 10% travel, including extended stays (typically 1 week) at international locations.

Other

Successful candidates will be eligible for a Scholarship at Athens Institute of Technology (www.ait.gr) for a Masters Degree in one of these disciplines: Information and Networking; Information and Telecommunications Technologies; Management of Business, Innovation and Technology.