

Senior Software Engineer Job Description

IQinVision Company Summary

IQinVision is the world's leading manufacturer of Megapixel Network Cameras and is recognized as one of the pioneers and innovators in the fast growing field of IP Video for Security Surveillance and other video related applications. We are privately held and headquartered in San Juan Capistrano, CA with additional offices in Lancaster, PA and Utrecht, Netherlands.

IQinVision has an outstanding reputation for highly differentiated products and best-in-class customer service which has resulted in rapid growth. We are looking for key team members to help us manage this growth.

Personal Skills

- Possess strong communication and interpersonal skills
- Excel in a fast paced, multi-tasking environment
- Be able to work individually as well as in a team setting
- Be organized, professional and articulate

Experience

- B.S. Degree in electrical engineering, computer science or equivalent job experience
- 4+ years experience in embedded software development
- Experience with embedded software development in multi-threaded environment
- Working knowledge of Linux kernel
- Working knowledge of Ethernet and TCP/IP based communications using a network sockets API
- Substantial C and C++ coding experience
- Familiarity with emulators, logic analyzers, JTAG and other common embedded development and debug tools
- Experience with .NET, C#, Java, JavaScript, AJAX, HTML, CSS, ActiveX, and general windows application programming preferred
- Experience with imaging systems, image processing and digital video CODECs is a plus
- Working knowledge of JPEG, MPEG and H264 compression is a plus
- Experience with Flash and/or Silverlight is a plus

Responsibilities Overview

The Embedded Software Engineer will be responsible and accountable for architecting, developing and testing of software related to new and existing camera products.

In fulfillment of these responsibilities, the Embedded Software Engineer will:

1. Architect, code, test, and debug Application software for our existing and next generation video imaging product
2. Write code specifications individually and in a peer group environment
3. Write device drivers for various imaging system peripherals such as CMOS imagers, image processing engines, FLASH, UART, Ethernet MAC, and CF media

4. Demonstrate project leadership ability to understand program requirements and translate into design documents
5. Work with Program Managers, and other team members to ensure designs are completed on schedule
6. Interface with SQA group to provide test procedures for software functions

Please send resumes to HR@iqeye.com