



ViXS Systems HK Ltd.

Job position: Software Engineer - Internship

Requirements:

- Advance degree in computer science, computer or electrical engineering, or related discipline
- Strong programming skills in C language
- Basic knowledge in the field of video/audio encoding and decoding
- In-depth experience in programming Linux / Windows Applications
- Basic knowledge of Operating System (etc. multi-thread, cache / non-cache, interrupt handler)
- Working knowledge in Windows and Linux Operating System
- Strong analytical and problem-solving skills
- Proficient oral and written communication skills in English
- Knowledge of MPEG2/MPEG4/AVC is a plus

Responsibilities:

- Develop/test/debug the firmware, the kernel level driver and the application software for the XCode family of video/audio hardware accelerators.
- Work with a team of engineers to develop software specifications for the electronic consumer products that use the XCode IC. The electronic consumer products include digital set-top boxes, PVR systems and PC tuner cards etc.
- From English written specifications, gain understanding of hardware blocks and industry audio, video and system layer standards such as ISO-13818, ISO14496 and ITU-T H.264
- Develop leading edge SOC solutions
- Adapt and create new Linux kernel device drivers for ViXS chips
- Implement new features in Linux kernel drivers
- Resolve customers' issues for major projects with leading consumer electronics manufacturers

Application method

Interested candidates please email resume, cover letter and transcripts to clau@vixs.com,
with title

“Application: Software Engineer - Internship”