



**Job Title: Sr. Platform Engineer – Systems Technology Team**

**Location: Mountain View, CA**

OpenTV ([www.opentv.com](http://www.opentv.com)) is seeking a **Sr. Platform Engineer** for its Systems Technology Team based in Mountain View, CA

**Job Description:**

We are seeking self-motivated embedded software engineers to join our team in building high-quality real time embedded systems. As part of OpenTV's Operating System development team, this individual will be responsible for design, implementation, and maintenance of complex software components for embedded operating systems. This includes traditional OS functionalities (file systems, memory management, inter-task communication, etc.) and subsystems that manage the lifecycle of applications and technologies related to that in portable embedded software, running on set-top-boxes around the world.

**Requirements:**

- Interest in Digital Television and in building reliable embedded real time operating systems
- Experience in developing small, fast, portable embedded software in ANSI C
- User level knowledge of UNIX or Linux
- Real Time Operating Systems knowledge
- Knowledge of multi-threaded programming aspects
- BSEE, BSCS or equivalent
- Fluent in English

**Additional Skills Desired:**

- Experience in complex state machines
- Experience in developing and debugging software on RISC microprocessor hardware environments
- Experience in OS internals (UNIX, Linux, BSD or any similar micro kernel)
- Experience in boot-loader, system initialization, device drivers for embedded set-top-boxes
- Experience in virtual machines, compilers, build environments, and scripts
- Multimedia hardware knowledge
- MPEG and DVB Standards knowledge or experience

If interested in this position, please submit your resume to [resumes@opentv.com](mailto:resumes@opentv.com) or fax to (415) 962-5300.