



Job Title: Software Engineer

Location: London, UK

OpenTV (www.opentv.com) is seeking a SOFTWARE ENGINEER.

Job Description Summary:

We are seeking self-motivated software engineers to join our team building high-quality real time embedded systems. As part of the OpenTV Operating Systems development team, this individual will be responsible for design, implementation, and maintenance of one a number of specialized areas, in particular IP TV. According to your skill-set and interest this will encompass TCP-IP, IPTV, audio, video, teletext, subtitles, broadcast stack, communications stack, graphics libraries, application lifecycles, and data decoding solutions for the OpenTV Runtime. Projects will be above the driver level, providing hardware-independent stream decoding capabilities for interactive television applications.

Job Responsibilities:

- For each new feature a customer requests:
 - Carry out analysis of the work required
 - Estimate work required for the design, implementation and unit testing
 - Take responsibility for the design, implementation and unit testing
 - Support the Integration and QA engineers
- Responsible for generation of documentation related to these activities
- Provide consultancy services to customers on OpenTV middleware
- Perform code and documentation reviews
- Contribute to the improvement of OpenTV's internal development process
- Act as second line support on issues requiring expert technical knowledge
- Act as key expert on a defined area of OpenTV middleware
- Assist customers in understanding OpenTV solutions and technology

Skills & Qualifications Required:

- Educated to degree standard, having achieved at least a 2:1 in a relevant discipline
- Strong embedded software development skills in ANSI C.
- Strong real time operating systems skills.
- Experience medium to high complexity module development for middleware
- Interest in building reliable embedded real time operating systems
- Experience in network related technologies (e.g.TCP-IP)
- User level knowledge of UNIX
- Knowledge of multi-threaded programming aspects

- Ability to communicate effectively via email, telephone or in person with customer engineers, OpenTV engineering teams and project managers.
- Fluent in English
- Right to work in the UK

Additional Useful Skills:

- Experience with digital television technologies (MPEG, DVB, etc.) and interactive television concepts
- Experience using UNIX, BSD or any microkernel internals
- MScS
- Experience with virtual machines, compilers or build environments
- Streaming protocol experience
- Knowledge of OpenTV and the middleware market in general
- Experience within the consumer electronics industry is welcome

If interested in this position, please submit your resume to resumes@opentv.com or fax to +44 (0) 20 7251 0263.