**GPGPU Sr. Engineer**

Technical professionals are defined by what they create. Samsung has the risk taking corporate culture, strategic R&D investments and global know-how to imagine, develop and market products that lead the industry. Samsung R&D located in San Jose, California is currently recruiting world-class talent to share our "Innovation through Passion" philosophy, and thrive in a fast-pace, results-driven environment. Ready to re-imagine yourself? Imagine who you can become at Samsung.  Get the best of both worlds! At Samsung R&D you will have freedom to innovate in a creative environment, and the rewards of seeing your vision deployed in products.

**Job Description:**

Samsung R&D in San Jose, CA is seeking a Sr. Engineer with an in-depth understanding of GPGPU, multicore, parallel programming APIs, and a passion to help deploy these technologies on mobile/consumer electronic platforms.

The candidate should demonstrate technical depth and hand-on experience in Khronos APIs (OpenCL, OpenGL, WebCL, WebGL), and an ability to promote organizational vision. The ideal candidate should be very familiar with various commercial and academic multicore GPGPU and CPU architectures, and multicore and parallel computing related standards/standards in progress. This is a hands-on role, which will also engage with Khronos Group member companies, to help drive changes in GPGPU-hardware/drivers/runtime and browsers to enable support for WebCL (currently being defined in Khronos). The ideal candidate will have prior experience participating in the Khronos Group working groups. The role will promote/support deployment of GPGPU related technologies, such as WebCL, OpenCL, OpenGL and WebGL.

Required Qualifications:

* In-depth understanding of GPGPU and multicore architecture, and hands-on expertise of parallel programming APIs, such as OpenCL, OpenGL, WebCL, WebGL.
* Proficient in existing open source solutions (CLang, LLVM) to leverage available compiler technology in areas of front ends and machine independent optimizations.
* Strong software design and engineering skills, including C, C++, with excellent debugging skills.
* At least 3 year of prior experience related to parallel software development on multicore and web-based platforms.
* Demonstrated ability to influence internal and external partners, and the ability to build external relationships to ensure successful adoption and promotion of technologies.
* Excellent written and verbal communication, and cross-industry collaboration skills.

Desired Qualifications:

* Prior experience participating in the Khronos Group working groups.

**Education:**

* BS/BA degree in Engineering, Computer Engineering or Computer Science, required.
* MS or MA degree preferred.