Vacancies

Think Silicon is one of the few companies worldwide that have the expertise to develop ultra-low power, high-performance graphic IP technology for mobile/embedded devices. Think Silicon is seeking for enthusiastic engineers to join our team and accelerate the development of the next generation heterogeneous multicore GPUs targeting the Wearable and IoT market.

GPU Performance Engineer

Job Description
Within the software design group, you will be requested to design, develop, and maintain a benchmarking/profiling tool for the next generation heterogeneous GPUs of the company. The tool will provide feedback about GPU and CPU bottlenecks and also GPU-CPU communication. Open-source profiling tools will be appropriately modified for the products of the company. The GPU performance engineer is expected to perform system level characterizations and propose targeted optimizations in graphics drivers. The candidate will work on our development platforms and cooperate closely with our IC, low-level, and high-level software engineers.

Required Skills:
- Excellent C/C++ programming skills
- Excellent Linux development skills. Knowledge of Android architecture is desirable
- Background in low level kernel driver development or in embedded system architectures
- Proficiency in one or more scripting languages (e.g. Python, Perl, bash scripting)
- Good understanding of CPU/GPU SW architecture and programming models
- Ability to work pro-actively, creatively, and innovate
- 2+ years' experience

Preferred Skills:
- Understanding of 3D graphics pipeline
- Familiar with multiprocessing and multi-thread programming
- Experience in OpenGL/Vulkan or in other graphics/image/vision APIs or standards
- Experience in OpenCL or in CUDA
- Experience with code coverage, profiling, benchmarking tools (valgrind, CodeXL, vTune) is a big plus

Think Silicon offers:
- Competitive salary
- Flexible work environment
- Space for your own creativity & ideas
- The opportunity to create world-class technology
- Exposure to international customer projects & standard bodies

Location:
The candidate will work in our offices in Patras or Athens, Greece.

Contact:
If you feel that you want to contribute to our company, you are welcomed to send your CV to
careers@think-silicon.com (Reference number: **SWPer0x916**)

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