Software Engineer for Compilers Team

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Company: Software

Location: Haifa

Category: other-general

The position

Mobileye is the world leader in automotive and driving assistance systems, developing the world's most advanced software technologies and hardware architectures. Mobileye is providing an end-to-end software solution for development and deploying features on its HW chip - EyeQ. The compilers team is looking for a Software engineer with a passion for low level optimizations and code analysis.

What will you do?

Develop a compiler using the LLVM compiler infrastructure to support Mobileye EyeQ HW

Implement middle-end/back-end compiler optimizations

Analyze compiled code

Support and assist firmware developers

Collaborate with HW architects and firmware developers.

Debug applications to identify compiler/HW/emulator/firmware bugs

All you need is:

BSc degree in Computer Engineering or Computer Science.

C/C++ and Python knowledge.

Fluent communication in English(both oral and written).

Experience with OpenCL programming- advantage

knowledge in compilers and specifically in LLVM compiler infrastructure- advantage

Low level/FW/embedded SW development and debugging experience- advantage.

Experience in low-level optimization and algorithm parallelization- advantage.

Mobileye changes the way we drive, from preventing accidents to semi and fully autonomous vehicles. If you are an excellent, bright, hands-on person with a passion to make a difference come to lead the revolution!

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