



Junior Software Engineer for Deep Learning Compiler

- מרץ 2025 -

Haifa, Israel

R&D – Software /

Full time /

On-site

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Mobileye is the world leader in automotive and driving assistance systems, developing the world's most advanced software technologies and hardware architectures. Our group is responsible for enabling deep learning and computer vision algorithms on the Mobileye platform. The technology we develop enables state-of-the-art deep neural networks to run efficiently in vehicles – contributing to saving lives and enabling autonomous vehicles. This is an exciting opportunity to work with highly talented engineers and be a part of a product with a lot of innovation and work on cutting-edge compiler and optimization technologies in the AI domain.

What will your job look like?

- Develop a deep learning compiler toolchain to optimize Keras and PyTorch ML models' execution on Mobileye's accelerators.
- Develop optimized implementations of a variety of neural network operations.
- Develop new optimization techniques and algorithms to efficiently execute ML models on our proprietary HW.
- Work with ML, compiler and HW experts to develop together our state-of-the-art systems.
- Use open-source technologies such as MLIR and work closely with the open-source community.

All you need is:

- Graduated or in the final semester of a BSc/MSc in Computer Science or Software Engineering from a top university.
- Up to 2 years of C++ programming experience
- Background in Deep Learning – Advantage
- Experience in LLVM/MLIR – 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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