C++ Software Engineer student

Haifa, Israel

Mobileye is the world leader in automotive and driving assistance systems, developing the world's most advanced software technologies and hardware architectures.

What will your job look like?

- You will join the Mobileye Application team, a newly formed team in Haifa.
- The car application controls the main execution flow of various software components running on the Mobileye chip, in addition, it also controls many sensors and manages their inputs, sensors such as camera, lidar, radar, car signals (speed, etc.)
- The application combines all the different inputs and feeds them into the different algorithms, to create a worldview for the car.
- The project is challenging both in its real-time complexity of a system with multiple sensors and being part of the overall automotive car system architecture.
- Doing all of that while working on highly optimized and well-designed software.
- The main application is developed in C++ for Linux.

All you need is:

- Studying for BSc/MSc in Computer Science or Software Engineering from a leading university.At least 4 semesters until graduation- must
- C++ programming knowledge
- OOP basics
- Linux experience- advantage

Apply here

Student for SW Tools & Infrastructure Group

Haifa, Israel

Mobileye is the world leader in automotive driving assistance systems, developing the world's most advanced software technologies and hardware architectures.

Our group is responsible for the software infrastructure and development tools 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 – saving lives and enabling autonomous vehicles. We're looking for a student to join the Accelerators Arch & Tools team!

What will your job look like?

- You will design, develop, and optimize features and tools based on internal and external customers' requirements.
- You will develop tools and test suites to verify HW/SW interfaces on multiple environments.
- You will design and implement code related to advanced features for parallel programming and AI domains.
- You will work on performance analysis and tuning, with the opportunity to influence future Mobileye processors

All you need is:

- Studies toward a B.Sc. in Computer Science /Software Engineering with 4 semesters until graduation.
- Proficiency and experience developing code in C, C++, and Python.

Advantage:

- Low-level/FW/embedded SW development experience.
- Good understanding of computer architecture and operating systems.
- Experience in optimizing applications and performance tuning.

    Apply [here](#)