Magic Leap is mixed reality startup with Israeli R&D center located in Tal Aviv (Sarona) and Haifa (Matam).

We are an eclectic group of people who share a magical vision of the future. A future where technology and biology merge to give the world superpowers. We're rocket scientists, PTA presidents, engineers, volunteers, artists, best friends, writers, organizers and [sometimes] robots.

We are growing quickly, and this is the time to get on board and play a role in shaping the way people will be interacting with the world tomorrow.

Link to Wired article - https://www.wired.com/2016/04/magic-leap-vr/

Link to our website - www.magicleap.com

You can apply your CV to tdaliot@magicleap.com

For additional information 054-3979270 (Tamar)

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## 1. Camera integration engineer
Haifa office
**Job description:**
In this role, you will be developing the end-to-end calibration and integration process of a novel imaging system. You will lead a multidisciplinary effort that includes building electro-optical setups, algorithm development, coding, and automation.
**Requirements**:
·    M.Sc. or Ph.D. in EE or Experimental Physics.
·    Experience with electronics lab equipment and test automation
·    Strong scripting capabilities - Python, Matlab, etc.
·    Experience with designing & building electro-optical lab setups - an advantage
·    Knowledge in imaging & vision systems engineering - an advantage
·    Knowledge in camera calibration and image processing algorithms - an advantage
·    Ready to take technical leadership

· An organized individual with good communication and reporting skills
· Team player

## 2. Data Collection Engineer (Computer Vision)

Tel Aviv, Sarona office

**Job Description**

You will work on data collection, data generation and performance evaluation systems consisting of cutting-edge HW, FW and SW components, Motion capture systems, 3D scanners and 3D SW modeling tools, robots. You will work in close collaboration with the Perception team, Content team and other groups in Magic Leap to deliver groundtruth data, develop visualization tools, test end-to-end applications and verify algorithm performance.

**Responsibilities**

· Work with ground truth data acquisition systems, develop algorithms and implement SW components for data capture and processing, work with motion capture systems, 3D scanners and 3D modeling tools, robots to capture and generate data, and perform system and subjective testing.
· Develop and implement data processing framework.
· Work with perception team members to define ground truth data collection and algorithm verification needs.
· Collaborate with other groups in developing end-to-end application prototypes for data capture and algorithm verification.

**Education**

B.Sc in Engineering or Exact Sciences
M.Sc in Engineering - Advantageous

**Requirement & Qualifications:**

· Hands-on work with complex hardware and software, be able to debug common problems, and meticulous with logging of collection data so that all collected data is usable.
· 3D Math know-how
· Software skills:
    o Profound knowledge in the following - C++ / Python
    o Linux - Advantageous
· Hardware skills:
    o Assembly of prototypes
    o Basic lab & test equipment e.g. scope, signal generator, signal processing etc.
    o Know-how in camera calibration techniques - advantageous
· Basic project management and operational skills
· Ability to travel globally frequently: ~20%