

### Company

Precise-Bio (Start up company in Shoham)

### Position:

Experimental R&D Physicist

### Responsibilities

As an experimental R&D physicist at Precise-Bio you will be designing, building and conducting experiments on the companies' core technologies in the field of optics, laser matter interaction and hydrodynamics.

You will collaborate with hardware and software engineers to craft a breakthrough in 3D bio-printing, in a dynamic and exciting Startup company.

### Activities:

- You will participate in designing and developing the physics aspects of our laser based 3D printing head.
- You will characterize different system aspects including optical design, laser matter interaction, material flow and thermodynamics.
- You will define and conduct experiments to test new printing technologies.
- You will simulate various physical aspects of the system.

### Skills:

- Education: Master's or Ph.D. degree in physics or B.Sc. in physics plus an advanced degree in another scientific area.
- Practical experience in Lasers and optical systems.
- Experience in LabView programming.
- Experience in Fiber optics or non-linear optics – an advantage.
- Team player
- Knowledge in motion and 3D printing – an advantage.

**If you fit the requirements above,  
please send your CV to [ella@uritsky.co.il](mailto:ella@uritsky.co.il)**