ACTIVE OPTICS FOR AR/VR, LiDAR AND FLEXIBLE DISPLAY TECHNOLOGY

WE SOLVE EXTRAORDINARY PROBLEMS IN OPTICS

Non-Mechanical Beam Steering

LiDAR

Pioneer of Switchable Lenses

AR VR ADVANCE TECHNOLOGIES

1300 Lee Road, Orlando, FL 32810, USA
Tel. (407) 734-5222 Fax (407) 969-0477
e-mail: sales@beamco.com, info@beamco.com
www.beamco.com
**Job Opportunity: Optical Laser Engineer**

**Company information**

BEAM is a photonics company, which pioneered the breakthrough technology of planar optics: electrically controlled and switchable thinnest flat lenses, prisms, beam shapers, holograms, that make basis for adaptive ophthalmic lenses, AR/VR optics, all-electronic LiDARs for autonomous-navigation, ultralight space telescopes, optical communication for satellites and even solar sails.

BEAM Co., founded in 1996 by world renown researchers Dr. Boris Ya. Zeldovich and Dr. Nelson Tabiryan, currently employs scientists and engineers in optics, lasers, and materials with 8 Ph.D.s among its staff. BEAM Co. possesses advanced development labs furnished with wide variety of lasers, opto-mechanical equipment, advanced characterization and production systems, clean rooms, including a separate chemical synthesis facility. BEAM Co. customers include most innovative Governmental and commercial organizations, many of which are household names.

**Required Education & Requirements:**

- BS degree or higher in Physics, Mathematics or Engineering
- Optical Engineering experience
- Hands-on experience in laser labs
- Must be authorized to work in the U.S. (Required)
- Maintains a broad knowledge of Optical and Electrical Engineering
- Experienced with MATLAB, Zemax, or equivalent modeling tools
- Experience with electrical circuitry or software engineering preferred

**Major Responsibilities** (training provided):

- Design and develop improved subsystems for next generation optical systems
- Utilize industry standard modeling codes for optical and/or electronic systems simulation
- Design validation protocols to demonstrate user requirements are met
- Perform component and system characterization using optical and electronics equipment
- Design, assemble, and operate laser setups
- Design and optimize optical and chemical fabrication processes
- Process and document data for customer presentations and reports

**Qualifications**

- Ability to provide quality work with limited supervision, ability and flexibility to work well under pressure; functioning as a member of the team committed to the successful project outcome; maintaining focus and motivation even for repetitive tasks.

**Salary and Benefits**

BEAM Co. offers competitive compensation and a generous benefits package.