

POSITION ANNOUNCEMENT

Optical Engineer

Description: Revibro Optics seeks an experienced Optical Engineer to support research and development efforts. We are looking for someone who is excited to be part of a small team in a fast-paced work environment.

Background: Revibro Optics manufactures MEMS-based deformable mirrors for high-speed focus control. Our mirror technology is used in compact, high-performance optical systems to provide electrically tunable focusing.

Primary responsibilities include: testing and characterization of optical MEMS devices, including surface shape analysis, reflectance, and mechanical performance; design of new optical products; design and assembly of metrology systems; data capture using standard acquisition hardware and software; supporting MEMS fabrication design choices; new product development and customer support; and ultimately working with a small, motivated team to develop and commercialize this exciting technology.

Required qualifications:

- B.S. or higher in Electrical Engineering, Physics, or similar field with demonstrated experience.
- Expertise in optical design and analysis, including Fourier optics, optomechanics, interferometry, etc.
- Expertise in microscopy
- Competence using optical and electrical test and measurement equipment
- Programming experience in Labview, Matlab, or similar languages
- Self-motivation and the ability to work independently on assigned tasks
- Excellent oral and written communication skills
- The ability to work with customers for troubleshooting and development purposes

Desired qualifications:

- >2 years of direct experience with optical design and testing
- Mechanical simulation experience (FEA or similar)
- Experience with scanning laser systems
- Microfabrication experience for MEMS devices

Additional details:

- This is a full-time salaried position.
- Salary commensurate with experience, education, and skills.

Please send (a) cover letter, (b) resume, and (c) two relevant professional references to: info@revibrooptics.com.