

**Optical Engineer****Immediate Opening****Location:** Folio Photonics, Solon, OH**Job Type:** Full time**COMPANY DESCRIPTION**

Folio Photonics is a dynamic startup company focused on developing a multi-terabyte multilayer fluorescent optical disc with a decades long shelf-life, small environmental footprint, and low total cost of ownership. This technology represents a significant and much needed breakthrough for the archival and nearline data storage industry. The research and development team possess the diverse range of skills need to bring the optical media as well as the optical/electronic instrumentation needed to write and read data. The technology development requires the efforts of diverse disciplines: chemistry, physics, materials and polymer science and engineering, as well as optical, computer and electronic engineering. Our team is composed of talented individuals that thrive in a high-tech, interdisciplinary environment.

**JOB DESCRIPTION**

The Optical Engineer will work on modeling, construction and test of the optical pickup unit (OPU) for the optical drive needed to read and write data on our multilayer optical films. The candidate will collaborate with our servo, electrical, and opto-mechanical engineers to develop an adaptive optical system. These tasks will require creativity and problem-solving skills.

**Job Duties:**

- Design, construct, align, and test the optical system, for writing and reading fluorescence and/or reflection in Folio Photonics' multilayer films, which involves high precision mechanical infrastructure and motion controls for read/write and tracking/servo functions
- Collect, compile, and present data, for internal use and to show progress to attract investment
- Development of basic test setups, test protocols, and reports
- Display good interpersonal skills to work with our cross- functional team
- Demonstrate a strong work ethic with desire to deliver results
- Management opportunity for appropriately qualified candidates

**Qualifications:**

- Master's degree or higher in Physics, Optical Engineering or related fields
- Experience in design, construction and alignment of optical systems
- Facility with optical design software platforms such as Zemax or Code 5 are a plus

**CONTACT**

Email a cover letter and resume to [Irina.shiyanovskaya@foliophotonics.com](mailto:Irina.shiyanovskaya@foliophotonics.com).

*Folio Photonics is an equal opportunity employer.*