

Fabrication Engineer

The goal of Brightlight is to bring transformative change to photonics technologies via integrated Titanium:Sapphire lasers. An unprecedented on-chip technology requires innovative solutions and new ideas (or revisiting some quite old ideas) to realize its full potential. Join us at the early start-up stage to miniaturize integrated sapphire photonics, Ti:Sapphire lasers, and frequency combs, for a bright future!



Responsibilities

- Take responsibility for day to day fabrication operations in:
 - Cleanrooms (Harvard CNS, MIT.Nano, Cornell CNF)
 - Brightlight Laboratory (photonic material sputtering, optical and physical metrology)
- Develop novel fabrication recipes
- Maintain and run existing processes
- Participate in collaborative R&D projects with academic and industry partners, attend and present at conferences.
- Opportunities to take on new leadership roles as our fabrication team grows.

Required Qualifications

- Significant cleanroom experience with demonstrable outcomes
- Experience with optics/photonics

Preferred Qualifications

- Degrees:
 - PhD can fill senior fabrication engineer
 - Bachelors/Masters can fill fabrication engineer
- Experience with photonic fabrication and development

Location & Employment Type: 501 Massachusetts Ave, Cambridge, MA 02139 | Full-time, in-person

Compensation & Benefits: \$130,000–\$160,000/year, commensurate with experience | Equity | Competitive Benefits

How to Apply: www.brightlightphotonics.com

Brightlight Photonics is an equal opportunity employer. We welcome applicants from all backgrounds and do not discriminate on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation, gender identity, veteran status, or any other legally protected characteristic.