



Heliotrope Photonics Job Description

About us:

Heliotrope Photonics is an early-stage startup founded on research at New York University. We are developing an innovative solar coating technology designed to enhance solar panel efficiency by transforming sunlight. Our mission is to drive solar adoption and accelerate the transition toward a sustainable future. With our power-boost, plug & play coating, Heliotrope is the next step in decreasing costs and making solar energy more competitive against other electricity sources.

Job Description:

Heliotrope Photonics is seeking a talented and motivated engineer to join our team and help accelerate the development of our solar technology. This role will primarily focus on hands-on lab work, including:

- Designing, building, and testing solar prototypes for performance and stability
- Optimizing perovskite materials for solar coatings
- Setting up lab spaces and collaborating with external lab facilities

Ideal Candidate Qualifications:

- 5+ years of experience in perovskite and solar energy research
- Expertise in solar material synthesis and device testing procedures such as PVD, EQE, and IV
- Strong independent work ethic and a proactive, driven attitude

Position Details:

- Full-time role based in the Somerville/Boston area
- Salary range: \$90K-\$110K
- Equity options included

If you're passionate about advancing solar technology and making a real-world impact, we'd love to hear from you! Please send your CV and cover letter to minh@heliotropephotonics.com.