



Technical Project Manager

Job Overview: Techstyle Materials is a funded startup that develops multifunctional construction materials that increase the durability, energy efficiency, and comfort of buildings while simplifying construction. We are looking to hire a Technical Project Manager who will lead the performance testing of our patent-protected material technology in the laboratory and in the field. The Technical Project Manager will play an essential role in the development and introduction of new construction products and will work closely with Techstyle Materials' Formulations Chemist to improve materials and installation practices.

Responsibilities and Duties:

- Design and carry out laboratory tests to characterize materials and determine their impact on the moisture, thermal, and mechanical performance of wall sections.
- Design and assemble monitored wall sections for the testing of new construction materials at a climate-controlled testing facility and in the field.
- Perform building performance simulations using WUFI Plus, COMSOL, or other tools.
- Design and perform experimental tests to investigate the resistance of wall assemblies to fungal growth.
- Develop efficient and reliable methods for installing multifunctional materials.
- Produce technical reports for customers, partners, and public communications.
- Work collaboratively with our R&D team and industry partners to create valuable product applications of Techstyle Materials' multifunctional material technology.

Desired Qualifications and Skills:

- BS degree or other formal training in engineering, physics, or a related field
- Experience building automated measurement systems with sensor and/or video inputs
- Basic carpentry skills
- Comfortable working with chemicals and biologicals
- Able to learn computer-based simulation techniques
- Creative problem-solving skills
- Passionate about entrepreneurship and able to work independently in a startup
- Experience managing commercial R&D partner relationships
- Excellent communication skills
- Able to lift 40 pounds, climb ladders, and use personal protective equipment

Additional Information:

The job is based at Greentown Labs in Somerville, Massachusetts or the CIC in Providence, Rhode Island. Greentown Labs is the premiere cleantech incubator in the United States. Field testing and pilot projects may require multi-day travel to testing locations.

Contact: Derek Stein, Founder and CEO, derek@techstylematerials.com

Techstyle Materials is committed to equal treatment for all individuals and does not discriminate on the basis of race, color, gender, disability, age, religion, sexual orientation, or national or ethnic origin. We further value diversity of experience and thought and encourage people who bring unique perspectives to apply for this role.