

## Battery Cell Engineer

### **Company Overview:**

Pellion Technologies is an early-stage company developing an innovative energy storage solution with the potential to deliver substantially lower cost and higher energy density than current lithium ion systems. Pellion, based in the Boston, MA area, is backed by top-tier venture capital and a recent award from the U.S. Department of Energy to develop next-generation batteries. We are seeking outstanding, driven individuals to join our team and realize Pellion's revolutionary technology.

### **Position Overview:**

The primary focus requires the design and implementation of standardized electrode and cell preparation procedures to survey a variety of novel cathode materials. Ideal candidate is knowledgeable in executing lab scale cell assembly processes (e.g., with pouch cells), and establishing cell testing methods and procedures for rapid standardized testing of novel cathode materials. We are seeking self-motivated, creative, and detail-oriented team players who enjoy working in a fast-paced, start-up atmosphere.

### **Key Responsibilities:**

- Develop and implement standardized electrode formulation and coating process, lab-scale pouch cell preparation, charge/discharge cycling regimes.
- Lead and execute internal efforts to characterize performance limitations and cell failure analysis.
- Provide quantitative insight to the team regarding electrochemical performance of cells containing a number of prospective materials.

### **Qualifications:**

- BS, MS, or PhD in Mechanical Engineer, Electrical Engineering, Chemical Engineering, Materials Science.
- A demonstrated 5 - 10 years practical experience in creating standard operating procedures for coating battery electrodes, battery cell design and testing.
- A preferred candidate possesses experience in the design and manufacturing of lithium ion batteries, and/or experience identifying cell degradation mechanisms.
- Strong analytical, written and oral communications skills.

Pellion Technologies offers competitive compensation and benefits packages, including equity.

Please include this position title in the subject line, and submit your resume and supporting documentation to: [jobs@pelliontech.com](mailto:jobs@pelliontech.com)