



### **Li-Ion Battery Engineer**

Sila Nanotechnologies seeks an experienced, hands-on engineer with an aptitude for learning new things and a desire to help invent the next generation of Li-ion batteries. This position will focus on designing and optimizing these batteries, along with lab and pilot scale manufacturing and test systems. You'll be working across materials, mechanical, and electrochemical domains with scientists, engineers, and technicians, so mental flexibility and collaborative problem solving abilities are required. You don't need to have deep experience in all of these fields, but you must be willing to get it.

#### **Responsibilities:**

- Develop systems and procedures for the fabrication and test of lithium ion batteries
- Iterate on materials and process combinations to optimize cell performance
- Design new Li-ion cells for customers and partners
- Craft and execute experimental plans
- Find failure-modes and root-causes. Crush them

#### **Requirements:**

- Exceptional process-engineering, experimentation, and system design abilities
- Demonstrated ability to learn new systems and improve on them
- Experience with materials, chemicals, PV, semiconductors, or pharma is a plus
- Experience with Lithium Ion Batteries is a large plus
- Basic programming, CAD/Design, and/or fabrication skills are a plus
- B.S. or M.S. in engineering or physical sciences (e.g. ME, Physics, ChemE)
- 2-3 years of work experience required (or 1-2 for candidates with an M.S.)

#### **About Sila:**

Sila Nanotechnologies is a Series-B startup with that Series-A feel. We're working to revolutionize energy storage by developing next-generation lithium-ion technologies that can increase energy densities and reduce the cost of storage. This will enable broader market EVs with long range, grid-scale energy storage, and better consumer devices. We were founded by two early Tesla Motors battery engineers and a professor of materials science from Georgia Tech, and are dedicated to building a world-class materials manufacturing company. We're backed by two top-tier Silicon Valley VC firms as well as funding from DOE's ARPA-E program. Our debates are data-driven, our team is close, and our (hypoallergenic) office puppy is named Angstrom.

#### **Contact:**

Email your application materials to [jobs109@silanano.com](mailto:jobs109@silanano.com)