



### **Materials Engineering Position at Sila Nano**

Sila Nanotechnologies is 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. Founded by two early Tesla Motors battery engineers and a professor of materials science from Georgia Tech, Sila is a group of highly talented individuals dedicated to building a world-class materials manufacturing company. Sila is backed by two top-tier Silicon Valley VC firms as well as funding from DOE's ARPA-E program.

Sila Nanotechnologies seeks an experienced, self-sufficient, self-motivated, fearlessly hands-on materials engineer with an aptitude for learning new things and taking projects across the finish line. This position will focus mainly on the development and improvement of material processing technologies to favorably finely tune both the structure and chemistry of the composite energy storage materials. The projects may involve both systematic improvements in the existing processing of materials and proposing/deployment of new technologies for more dramatic structure/chemistry variations to achieve novel and useful material properties to improve battery performance. Supervising of the work of materials engineering technicians and other staff will be one of the job responsibilities.

At Sila, we utilize both wet and dry chemistries. Experience with and ability to learn and utilize the related techniques, ability to quickly search prior-art and related literature (publications, patents, books), ability to identify deficiencies and propose rational routes to overcome existing challenges, familiarity with material characterization techniques, ability to write project reports and make clear presentations are critical. The ideal candidate will have experience in most or all of these areas. Particular consideration will be given to candidates with experience in the following:

- Vacuum systems
- Vapor depositions
- Solid state chemistry
- Materials science and chemical engineering R&D
- Electrochemistry

### **Requirements:**

- Must have a M.S. in materials science or chemistry or chemical engineering (Ph.D. preferred)
- Must be ridiculously proficient at designing and executing complex R&D experimental plans as well as communicating the results of the experiments with other team members
- Experience with Li ion batteries is a plus
- 2-3 years of R&D or processing work experience required for M.S. candidate (R&D work experience for Ph.D. candidates are preferable)

**Contact:** Email your application materials (resume, cover letter minimum, portfolio preferred) to [jobs107@silanano.com](mailto:jobs107@silanano.com)