



### **Equipment and Automation Engineering Position at Sila Nano**

Sila Nanotechnologies is working to revolutionize energy storage through the development of 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, fearlessly hands-on equipment engineer with an aptitude for learning new things and taking projects across the finish line. This position will focus mainly on designing and building successive generations of R&D and pilot machines for battery materials synthesis. At Sila, we handle the full gamut of machine development in house, including: top-level conception, detailed mechanical design, specifying and sourcing sensors and actuators, writing PLC code, machine construction and qualification, and ongoing upgrades. 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:

- Prior machine design projects
- Vacuum systems
- Industrial automation/PLC programming (IEC61131 languages)
- Refractory materials and high-temperature components
- Materials science and chemical engineering R&D

### **Requirements:**

- Must have a B.S. in engineering or science (M.S. preferred)
- Must be ridiculously proficient at designing and generating mechanical parts
- Must know basic electronics and wiring practices (analog signal handling, AC and DC power fundamentals, soldering, and diagnostic tools)
- Must have programming experience and aptitude
- CAD expertise is required
- Experience generating drawings and working with fabricators to get parts built
- Proficiency with manual fabrication and basic machine shop tools
- Experience with materials, chemicals, PV, semiconductors, or batteries is a plus
- 2-3 years of work experience required (or 1-2 for candidates with an M.S.)

### **Contact:**

Email your application materials (resume, cover letter minimum, portfolio preferred) to [jobs105@silanano.com](mailto:jobs105@silanano.com)