Battery Process Engineer - SAN JOSE, CA /BATTERY /FULL TIME

We need highly talented and enthusiastic minds to join our mission to help transform electric mobility, energy storage, and sustainable manufacturing- for a healthier planet.

**Job Description**

We seek a meticulous and dedicated process engineer to support process development and R&D activities. The process engineer will be part of highly motivated and experienced engineers to develop a proprietary high-volume 3D printing and additive manufacturing technology to fabricate active devices. In addition, there will be ample opportunity to learn new experimental skills and participate in cutting-edge hardware design and materials research.

**Responsibilities**

• Collaborate on process development and continuous improvement activities related to building complex AM tools for printing battery cells

• Design and execute material characterization test plans, and generate related reports

• Identify the process obstacles and test various coating, calendaring, slitting, punching, and storage management to optimize the process of the electrode

• Establish quality control specifications for the processes and electrode materials

• Statistically analyze experimental results and process data.

• Attend and support regular project meetings, present and provide summary reports,

• Develop and maintain project schedules.

• Operate and maintain characterization equipment (SEM, TGA, CT, DSC, XRD, …)

• Follow all safety procedures, including handling hazardous chemicals and company policies and

**Benefits**

As a team member, you'll enjoy:

• Comprehensive benefits package including medical, dental, vision, and life insurance

• 4 weeks of paid time off

• Stock options

• Career development

• Company provided meals, snacks, and drinks

**Qualifications and Skills**

• Ph.D. degree or (+5 years of experience) in Materials Science, Mechanical Engineering, Chemistry, or a related field

• Cell design (all component, cathode, anode, electrolyte) and evaluation experience is plus

• Hands-on lab work, including chemical, powder, and materials handling

•Background in powder processing and sintering of low-high temperature cofired ceramics

•Experience working with 3D printing methods (Preferred Binder Jet, Powder Bed, and inkjet).

•Experience in powder handling, tape casting, calendaring, and binder jet printing.

•Interest in advanced technology and an ongoing desire to learn with an R&D attitude

•Demonstrated expertise in materials science and engineering, with a minimum of 5 years of experience

•Material characterization knowledge and experience

•Must be able to take ownership, initiative, analytical, and thorough.

•Organized, detail-oriented, and a team player

**Equal Opportunity**

Equal opportunity employer and complies with all applicable federal, state, and local fair employment practices laws. All qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, ancestry, sex, sexual orientation, gender, gender expression, gender identity, genetic information or characteristics, physical or mental disability, marital/domestic partner status, age, military/veteran status, medical condition, or any other characteristic protected by law.