Battery Modeling Engineer - **SAN JOSE, CA /** **BATTERY /FULL TIME**

**Summary:**

An emerging additive manufacturing technology company based in the San Francisco Bay Area, is developing high performance multi-material 3d printing technology for active devices like solid state batteries. The company is seeking a “**Battery Modeling Engineer**”.

**Primary Duties and Responsibilities:**

***Battery Modeling and Model Development***

·       Develop, assess, select, run and manage inhouse and external battery modeling solutions and tools

·       Bring up and operate solution and tools to perform simulations from several technical perspectives.

·       Perform active battery cell and pack modeling in close collaboration with battery R&D and real life testing

·       Manage to drive and support various battery modeling projects

·       Routine communication with project members, peers, supervisors and outside vendors

**Qualifications and skills**

BS/MS in science/ engineering or computer science with a minimum of 2 years of engineering experiences, or related qualifying work experience

Experience with cloud based software platforms, collaboration models and vendor management

Technical knowledge and expertise in battery technologies and basic electrochemistry

Proficient at simulation tools and software environments

Aptitude with design tools, computer-aided simulation, data analysis, machine learning

Project management experience

Excellent communication skills to balance simulation and hardware related messaging

Strong team player

Demonstrated ability to work well in a fast-paced, flexible, interdisciplinary environment

Passion for data driven decision making and computer aided design and testing