



Natron Energy
Energy Storage Innovations

Natron Energy, Inc.
3542 Bassett Street
Santa Clara, CA 95054
<http://natron.energy>

Senior R&D Technician
(Electro-Mechanical)

September 18, 2018

The Company:

Natron Energy is a battery technology start up company that has developed unique hardware solutions delivering high power, long cycle life, and industry-leading safety at a very low cost. Natron's battery packs can be fully discharged in as little as one minute and fully recharged in less than ten minutes. They have a proven deep discharge cycle life of over sixty thousand cycles. They are nonflammable, contain no lead or acid, and survive electrical faults with no damage. These characteristics result in a unique value proposition for stationary applications including data center UPS, fast charge forklifts, EV fast charging support, and behind-the-meter grid applications. Today, Natron's rack mounted battery packs are in customer validation testing by world leading system integrators and data center operators.

To achieve this unique performance, Natron developed a new battery cell chemistry based on Prussian blue electrodes and a sodium-ion electrolyte. Prussian blue is a commodity consumer product pigment that has a unique crystal structure capable of absorbing and releasing charge more rapidly and reversibly than any other battery electrode. Natron's proprietary grades of Prussian blue delivery world class battery performance from a materials commodity retailing at 1/10th the cost of conventional electrode materials.

Natron is headquartered in Santa Clara, California. It has forty employees. Natron is backed by four leading venture capital firms and has received support from ARPA-E.

The Position:

Natron is seeking a Senior R&D Technician to assist in the assembly of battery cells, modules, and packs. The senior technician will have significant prior experience working with batteries, power electronics, and/or other electro-mechanical systems. Further experience working with electronics and chemistry or materials in a laboratory environment is preferred. The person for this position has a positive, team-first attitude, carefully follows instructions and SOPs, is meticulous and detail oriented, and is willing to learn and master new skills. The person will be working in a fast paced and dynamic environment.

Responsibilities:

- Assemble battery modules and packs.
- Assist engineers and scientists in fabricating prototypes and battery components.
- Assist engineers and scientists in fabricating and assembling test fixtures.
- Assist with engineering builds of battery cells.
- Inspect incoming parts and assembled components to ensure compliance with specifications.

- Maintain and update component and product data as part of the database tracking system.
- Calibrate and maintain battery assembly equipment as needed.

Experience and Skills:

- A degree in a science or engineering field is preferred.
- 5+ years working with batteries, fuel cells, and other energy generation/storage products, power electronics, or electronic systems.
- Significant experience in assembling electro-mechanical components and systems.
- Significant experience executing SOPs.
- Hands on laboratory experience working with materials or chemicals is a plus.
- Careful and meticulous when recording and entering data into the database.

Logistics:

- Compensation: competitive with other Senior R&D Technician positions in the Bay Area.
- Hours and duration: full time, permanent.
- Location: Santa Clara, CA.

Contact Information:

- jobs@natron.energy