



energyStartup 2015 Summer Internship Position

Company Name: Alveo Energy

Description of position:

Alveo Energy is a Bay Area start up company that is developing a radical new type of battery technology designed from scratch for long cycle life/high power stationary storage applications including renewables peak shaving and load leveling. These batteries are based on a new class of electrode materials and safe, inexpensive water-based electrolytes. The result is a more efficient battery that lasts longer and costs less than existing technologies.

Interns will work side-by-side with Alveo's team of scientists and engineers to design, fabricate, and test battery cells starting with precursor materials and resulting in detailed electrochemical performance and lifetime data. Interns' work opportunities will include materials processing, design and fabrication of cell components, and/or physical and electrochemical characterization of battery cells.

Who should apply:

Masters and PhD students who seek an opportunity to work on a cutting edge device technology in a fast-paced start-up environment.

Required expertise:

Candidates must have completed a BS degree in materials science, mechanical engineering, electrical engineering, chemical engineering, or a related science/engineering field.

Preferred skills/Majors:

Strong candidates will have hands-on lab experience and/or coursework in one or more of: materials synthesis, mechatronics, heat transfer/thermal systems, and matlab modeling.

Internship term: 12 weeks, flexible start/end dates.

Compensation: Stipend to be paid twice monthly for duration of internship.