



## **Hiring for Hardware/Test Engineering Intern**

**Apply** with resume and cover letter at [careers@solclarityeds.com](mailto:careers@solclarityeds.com)

### **About us:**

Sol Clarity's bring a unique and exciting approach to the often overlooked field of solar panel cleaning and maintenance. Our technology, the Electrodynamic Screen (EDS) offers on-demand fully automated cleaning involving no moving parts, no water, and no manual labor! Sol Clarity is a spin off from Boston University, where the EDS technology was originally developed to mitigate soiling on Mars rovers, but is now coming down to earth. We are a young startup looking to add highly motivated members to our growing team as we grow and develop our exciting electrostatic force field technology!

### **General Job Description:**

This role is responsible for designing and executing verification tests as well as experiments to help develop the EDS technology. You will work with the Sol Clarity team to design, construct, and execute experimental test plans, protocols, and setups to help verify our technology as it matures. A strong background in experimental design, as well as rapid EE and ME prototyping is highly desired. This summer internship is flexible (full-time, part-time), and hybrid.

### **Duties and Responsibilities:**

- Design experiments to test the cleaning efficiency of our EDS device
- Prototype and execute them via common techniques (3D printing, laser cutting, basic microcontrollers)
- Analyze test results and draw conclusions
- Write basic code for automated data collection, storage, and derivations/analysis

### **Preferred Qualifications/Experience:**

- Strong engineering background in either Electrical or Mechanical engineering
- Prior lab experience
- Self-starter, propensity to work with minimal directions
- CAD (Solidworks, Onshape, Fusion) or Circuit Layout (Altium, Eagle, KiCAD) experience highly desirable
- Experience with high-voltage/power electronics highly desirable



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**Sol Clarity Inc.** is an equal opportunity employer. We are committed to a work environment that supports, inspires, and respects all individuals and in which personnel processes are merit-based and applied without



discrimination on the basis of race, color, religion, sex, sexual orientation, gender identity, marital status, age, disability, national or ethnic origin, military service status, citizenship, or other protected characteristic.