



Hiring for Electrical/CS Engineering Intern

Apply with resume and cover letter at careers@solclarityeds.com

About us:

Sol Clarity brings 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 has now come down to earth. We are a young startup looking to add highly motivated members to our growing team as we expand and develop our exciting electrostatic force field technology!

General Job Description:

This role is responsible for design, firmware development, or prototyping of electronics for the EDS, as well as experiments to help develop the EDS technology. You will work with the Sol Clarity team to write code for the firmware for the remote field testing units and assist in the circuit and PCB design for the EDS control systems and high voltage electronics. A strong background in electrical engineering and programming, as well as rapid EE prototyping is highly desired. This internship is flexible, part-time, and hybrid.

Duties and Responsibilities:

- Assist in design and implementation of the controls for the EDS field trials, including firmware development, electronic prototyping, to test the cleaning efficiency of our EDS device
- Analyze test results and draw conclusions
- Help firmware development on our networked cleaning and measurement system
- Help develop our system operations to optimize in a variety of environments
- Develop a data backend, and use tools such as Graphana and python scripts to inform design decisions

Preferred Qualifications/Experience:

- Strong engineering background in Computer Science
- Prior experience working with electronics in research or extra curricular work
- Self-starter, propensity to work with minimal directions
- Experience with I2C communications, RS-485 and/or 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 characteristics.