

Solar Energy Research Internship Spring Semester 2022

About Generation180

Generation180 is a national non-profit organization based in Charlottesville, VA. Generation180's mission is to accelerate the transition to a clean energy economy. We seek to inspire and equip individuals to take action on clean energy. We envision a 180-degree shift in our energy sources—from fossil fuels to clean renewable energy—driven by a reversal of people's perception of their own role in making it happen. We want to move Americans from apathy to agency, from despondency to determination, and from hopelessness to confidence about a clean energy future.

Solar For All Schools Campaign

Generation180 is working toward a future in which all of our schools are completely powered by clean energy. We are leading a nationwide movement that will reduce energy costs, enhance student learning, and foster healthier communities for all. Through our Solar For All Schools campaign, we are expanding access to solar by providing resources, sharing success stories, supporting and connecting school leaders, and advocating for stronger solar policies. The campaign leverages the integral role that schools play in encouraging clean energy action throughout their communities.

Interns will play a critical role in updating a nationwide census of all K-12 schools in the country with solar that will be included in our 2022 report *Brighter Future: A Study on Solar in U.S. Schools, Fourth Edition*. Interns will be learning the methodology designed by solar industry experts, and they will apply their data science and research skills to collect, organize, and analyze the data. Interns will also be working to support the launch of a new campaign in Pennsylvania to help double the amount of solar on schools in the state by 2024. Interns will gain valuable real-world experience and contribute to our understanding of the country's rapid transition to clean energy.

Job Duties

- Conduct desktop research and data collection to help identify schools that have recently installed solar systems to help the SFAS team update our national census of all K-12 schools in the country with solar that will be included in our report *Brighter Future: A Study on Solar in U.S. Schools, Fourth Edition*
- Analyze data and generate statistics for inclusion in campaign reports and materials
- Contact schools, solar advocates and solar installers by email and phone to collect information on solar systems and solar campaign stories to help build out the Clean Energy School Leader Network
- Identify and research solar success at schools for inclusion in the report



- Research state and federal solar energy policies and support clean energy advocacy campaigns
- Support the launch of a new campaign in Pennsylvania to double the amount of solar installed on statewide K-12 schools
- Collaborate and communicate effectively with Generation 180 staff to complete the projects and support the overall Solar For All Schools campaign
- Report to the SFAS Program Manager
- Support office logistics and administrative tasks as needed

Basic Qualifications

- Proven ability to take initiative, think critically, and problem solve
- Excellent communication skills with the ability to communicate with various technical and non-technical audiences
- Strong attention to detail and drive to ensure high data quality and accuracy
- Strong organizational skills and ability to collaborate with a team to get the job done
- Passion for Generation 180's mission

Preferred Qualifications

- Experience in primary or secondary research, data collection, and/or creating reports
- Experience with research, data analysis and experience manipulating and combining data in various formats
- Relevant experience and coursework in any of the following fields: sustainability, environmental science, business, communications, data science, information technology, statistics or a related field
- Prior experience with environmental, energy, or solar advocacy campaigns

Schedule & Compensation

This internship is a part-time position (**minimum 10-15 hrs/week**) for **Spring Semester 2022** with schedule flexibility to cater to student academic schedules. The interns will report to the Generation 180 office on the downtown mall and will be able to complete some work remotely. The preferred start date for the internship is the week of January 17, 2022. **The hourly wage is \$15/hour.**

HOW TO APPLY

Please submit a resume and cover letter to careers@generation180.org. Include "Solar Energy Research Internship" in the subject line of your e-mail. Applications will be accepted on a rolling basis until positions are filled. Preference will be given to applicants who apply by **Monday, January 3, 2022.**

Generation180 is an Equal Opportunity Employer and is seeking a diverse slate of candidates for formal consideration. Applicants with unique experiences and perspectives, including women, people of color and LGBTQ individuals are encouraged to apply.