



## SOLAR DATA AND RESEARCH INTERN | GENERATION 180

### THE ORGANIZATION:

Generation 180 is a national nonprofit based in Charlottesville, Virginia with a mission to inspire and empower everyday people to take action on clean energy through story-driven content, resources, and national and community-level campaigns that facilitate the adoption of clean energy. Learn more at [Generation180.org](https://Generation180.org).

### PROJECT DESCRIPTION:

Interns will gain valuable real-world experience and contribute to our understanding of the country's rapid transition to clean energy. They will apply their data science and research skills to complete a key project for Generation 180's Solar Schools campaign by playing a leading role in completing a nationwide census of all K-12 schools in the country with solar. They will be learning the methodology designed by solar industry experts to update the previous census included in *Brighter Future: A Study on Solar in U.S. Schools, Second Edition* (November 2017). Learn more about the Solar Schools program at [GoSolarSchools.org](https://GoSolarSchools.org).

### JOB DUTIES:

Generation 180 is hiring 3 interns to help complete the project in fall 2019. **The hourly wage is \$15/hour.** Generation 180 is seeking dynamic undergraduate-level interns from a wide range of disciplines to support the Solar Schools team in the following ways:

- Conduct a variety of desktop research and data collection techniques to efficiently identify schools nationwide that have recently installed solar systems
- Analyze data and generate statistics for inclusion in campaign reports and materials
- Verify and scrub data for accuracy and harmonize data with the previous census
- Contact schools and solar installers by email and phone to collect information on solar systems
- Research strategies to improve the methodology, such as expanding crowdsourcing techniques and leveraging volunteer opportunities
- Collaborate and communicate effectively with other interns and Generation 180 staff to complete the project and support the overall Solar Schools campaign
- Support office logistics and administrative tasks as needed

### BASIC QUALIFICATIONS:

- Experience in data management, primary or secondary research, and creating reports
- 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 organizational skills and ability to collaborate with a team to get the job done
- Passion for Generation 180's mission

### PREFERRED QUALIFICATIONS:

- Relevant experience and coursework in any of the following fields: sustainability, environmental science, business, communications, data science, information technology, statistics or a related field
- Understanding of database structures and experience manipulating and combining data in various formats
- Experience conducting phone interviews or customer service experience

### SCHEDULE:

This is a part-time position (**minimum 12 hrs/week**) for fall 2019 with schedule flexibility to cater to student academic schedules. The interns will report to the Generation 180 office on the downtown mall and be able to complete some work remotely. Preference will be given to applicants who have the ability to work more regular and



extended hours, such as availability to work more than 12 hours per week and/or maintain some hours through academic breaks/holidays through December 2019.

**TO APPLY:**

Please submit a resume and cover letter to [careers@generation180.org](mailto:careers@generation180.org) or apply via Handshake. If submitting via email, please include “2019 Data and Research Intern” in the subject line of your email. Applications will be accepted on a rolling basis until August 26, 2019.