
JUNIOR CIVIL ENGINEERING INTERNSHIP

Distributed Sun (DSUN) is seeking an enthusiastic junior Civil Engineer with university coursework in civil engineering, geographic information systems (GIS), computer-aided design (CAD), and other related subjects to site selection, solar engineering, and electrical construction. The candidate will be working to assess the viability of infrastructure projects and provide guidance for quality execution of construction projects. The right candidate will be well organized, a team player, and able to learn independently and on the job. A strong applicant will be able to communicate their strengths, their weaknesses, and the method by which they will improve over the duration of the internship. Distributed Sun is looking for a part-time intern on Tuesdays and Thursdays with the possibility to extend the position to full-time.

Primary Duties and Responsibilities

The Junior Engineer will work with the Operations team. Responsibilities will include:

- Perform primary research on public databases to provide technical feasibility reports on solar projects
- Provide analysis of engineering standards, regulation requirements, and other technical specifications
- Learn and perform preliminary solar engineering design for project estimating purposes, including PVSYST, Helioscope, etc.
- Perform basic Microsoft Excel functions for project-specific modeling
- Perform technical drafting through AutoCAD
- Work with the operations team to perform the variety of tasks to assess and improve the characteristics of presented projects to create valuable engineering projects

Requirements

- Education: a minimum of three years of college; BS preferred;
- Education: a background in engineering is required; candidate shall have taken a course in technical writing.
Preferred coursework:
 - Civil/Electrical/Mechanical Engineering
 - Geographic Information Systems (GIS)
 - Computer Aided Design (CAD)
 - Renewable Energy Systems
- Dexterity with Microsoft Word, Excel, and PowerPoint is required;
- Demonstrated experience with computer drafting software such as AutoCAD, BlueBeam, etc.
- Familiarity with CAD, PVSYST, hydroCAD or other similar software commonly used in solar project development will be a plus.
- Strong written and verbal communication skills with an aptitude for working independently with minimal supervision.

Application Process

Please include your cover letter and resume in an email to Bahareh@distributedsun.com with “Engineering Internship” in the subject line. Please name your resume files with your last name and the position.

Company information

Distributed Sun develops, invests in, owns and operates solar energy (photovoltaic) systems across nine US states. The company is growing rapidly with specific focus on making solid investments in the commercial, industrial, and community solar energy segments.

Distributed Sun has a strong internship program that has led to the fulfillment of many full time positions at the company. Distributed Sun aims to create an open environment in which interns and full-time employees can learn and assess the opportunities. Candidates should be available to work 20-40 hours per week for the summer and through the school year, if needed.