



Workshop Engineer Assistant, Research and Design Coordinator - Job Description

Company Name: WindAid Institute

Company Description: Serves as an educational institute whose projects provide electricity to developing communities utilizing wind energy to provide a clean and reliable source of electricity in locations where traditional electricity is not available.

Industry: Renewable energy systems

Company Address:

City: Trujillo

State: La Libertad

Zip: 13001

Country: Peru

Company Website: windaid.org

Contact Name: Gandhi Alva

Title: Executive Director

Email: gandhi@windaid.org

Phone Number: (+51) 973 366 356

Address & Location - Workshop: Panamericana Norte Km. 554 Moche, Trujillo - Perú

Address & Location - House: Calle Paraguay 499, El Recreo, Trujillo – Perú

Co-op Job Title: Workshop Engineer Assistant and Research and Design Coordinator

Co-op Job Description:

We are looking for a highly motivated person to come to Peru and integrate into the WindAid team as a Workshop Engineer Assistant, Research and Design Coordinator for a minimum of 6 months.

Job Purpose:

- Assist and facilitate communication between the Head of the workshop and the rest of engineer volunteers during the work.
- Learn all steps to build a wind turbine.
- Guide all volunteers during the steps to build a wind turbine and make them understand to process.
- Make sure that all volunteers will be safe during work time.
- Coordinate every pending engineering project or be in charge of a new one.

Main duties and responsibilities:

- Study and fully understand the design of the wind turbine and the electronics components.
- Analyze what are the most common failures in the wind turbine and/or electronic system.
- Guide and make volunteers understand the process of building and installing the wind turbine.
- Be an active member of the team developing weekly and long term plans and strategies (Project planning and execution, Project tracking, Maintenance activities).
- Keep organize the materials and tools in the workshop.
- Help with language translation between English and Spanish (intermediate of Spanish needed).
- Make sure everybody is wearing safety equipment
- Make sure everybody respects each other and follow the rules of the workshop
- Being available to assist in any help needed from the head of the workshop and volunteers with any task at the workshop.

Secondary duties and responsibilities:

- Develop and improve any part of the wind turbine system.
- Support any volunteer with their own engineering project.
- Make or update any technical presentations.

Requirements:

- Electrical and mechanical engineering experience.
- Demonstrated research projects (two white papers must be submitted with application).
- Self-Driven & Energetic.
- Proven communication capabilities, including good writing and timeliness.
- Intermediate Spanish.

Preferred Skills:

- Technical knowledge about renewable energies (wind, solar, etc.).
- Proficiency in Google Drive, including: docs & sheets.
- Volunteer Experience

Skills Gained by the End of Co-op/Internship:

- Team builder
- Leadership

- Learn about wind turbines
- Learn about community impact
- How a NGO operates

Number of positions: 1

Hours per week: 35 hours

Benefits:

- Pick-up from the Airport
- Housing (hot water, electricity, Wi-Fi, bedroom, kitchen, living room and laundry)
- Food during working days (Monday to Friday)
- Paid transportation to our workshop
- Paid trips to the communities we work with
- Integration into projects while in Peru, including visiting communities and participating at installations.
- Working hours Certificate by the end of the period

Majors considered: Engineer (type is flexible)

Language Requirements: English (advanced) / Spanish (intermediate)

Location Information (culture, cost of living, etc.):

Trujillo is situated on the northern coast of Peru. The country's third most populous city, it boasts some excellent pre-hispanic archeological sites to visit such as Chan Chan, the largest city of the pre-Columbian era in South America. The local ruins are a great short-getaway for an adventure and the team will always be there to advise you on your travels!

In the city, there are a wide variety of salsa or bachata schools to try or gyms to keep you in shape.

Huanchaco is one of the most popular beaches not just of Trujillo but also of all Peru, recognized as one of the best places in the world to catch a wave. It's also the most common place volunteers like to spend their free time. There, you can surf and swim, play football, volleyball, or frisbee or simply sit back in the sun and try out some beautiful Peruvian cuisine.

****Thank you for your interest in the WindAid Institute program. ****