



Design Outreach Engineering Intern

Organization:

The vision of Design Outreach (DO) is to see marginalized and low-income communities transformed physically, economically, and spiritually. The mission is to alleviate global poverty through life-sustaining technology.

Position:

The Engineering Intern will report to an R&D Project Engineer. The Engineering intern will assist in new product development, testing and manufacturing efforts. This is a 12-week position, starting early May and ending late July or early August. The Engineering Intern position is a support-raised position with a goal of \$5800 to cover expenses during the 12-week employment.

Key Responsibilities:

- In collaboration with the R&D staff, assist on new product development.
- Assist in the design, assembly, and troubleshooting of testing equipment.
- Conduct, record, and report results from ongoing laboratory testing.
- Assist in the organization and inventory of parts during the manufacturing process.
- Assist in preparing LifePump and other products for shipping.
- Assist in working with both technical and lay volunteers.

Requirements:

- Understanding and support of the mission of a Christ-centered organization dedicated to sharing the Gospel by word and deed.
- Unqualified support of Design Outreach's vision and mission.
- Ability to work effectively in a collaborative team environment.
- Strong interpersonal, organizational, and planning skills.
- Some experience with CAD 3D modeling and drawing creation.
- Ability to self-motivate and pay careful attention to detail.
- Excellent verbal, grammar, computer, and sufficient Word/Excel/PowerPoint skills.
- Ability to understand the technical aspects of the LifePump and other technical solutions.
- High capacity to multi-task, work independently, and problem solve.
- Strong hands-on capabilities.
- Availability to commit up to 40 hours a week; occasional Saturday hours may be required.
- Pursuing a bachelor's degree in an applicable engineering field.
- References.

Timeline:

- Interviews to be completed by Feb 1, 2021. Position start date is early May.