Job Title: Blueprints Design Intern (Architectural or Engineering Student)
Start Date: March 15 - May 15th (potential to extend)
  or March 15th – April 15th (one month option as well)
Compensation: Unpaid
Location: Remote
Website: https://www.lwhome.org/

About the Organization

Long Way Home is a 501(c)3 that envisions communities equipped to innovate and act responsibly in the face of local and global challenges. Through promoting green building, employment, and education, Long Way Home mobilizes people to actively participate in democracy and create innovative pathways to economic and environmental justice.

Since 2009, the focus of the organization has been on building an 18-building green-designed campus in San Juan Comalapa, Guatemala. We've used more than 450 tons of trash and over 15,500 tires in our construction so far! On the campus, we serve 140 K-11 students who study a curriculum that integrates project-based learning and the green building process to cultivate employability and democratic participation skills for a 21st century, climate-stressed world.

In addition to education, we train and employ local green builders who carry out our many green construction projects in Comalapa and throughout Guatemala. In 2020 this team will be focused on completing the school campus, beginning construction on volunteer housing next to campus, and completing a variety of partner projects in other areas of Guatemala.

About the Job

Long Way Home is looking for a highly motivated, collaborative thinker. We are a small organization and therefore require a team of high-energy individuals, passionate about making a difference. The ideal candidate has experience in using blueprints design software, such as AutoCAD, and can help LWH produce a consistent set of technical drawings for all of the buildings on the campus. This position will work alongside our engineer consultant and will collaborate on a variety of community-responsive and environmentally-friendly/eco-geologically conscious building projects.

Responsibilities:

- For every building, there is an existing AutoCAD model which was used for construction. The first task will be to complete this model based on the information provided by the people based in Comalapa. Once this is done, the Intern will help to produce a consistent set of drawings which will be then uploaded on LWH website.
- Collaborate with our Engineer Consultant and Executive Director
Qualifications:
● Currently enrolled in a Bachelor or Master’s program related to architecture or engineering
● A self-starter (comfortable working with little direct supervision)
● Confidence and access using AutoCAD software
● Experience at producing technical drawings (preferable)
● Access to personal technology (laptop/tablet)
● Good attitude, team player, motivation to help out and be flexible

Educational Objectives:

The following objectives guide the design of this internship
● Gain experience in the creation of a unique blueprints portfolio
● Better understand alternative building materials and the environmental impact of green building
● Become well-versed in the methods and applications of green design and building
● Understand why and how green design should be made accessible in low-resourced and climate-stressed communities
● Develop intercultural and interdisciplinary teamwork skills
● Gain insights into opportunities, risks, and limitations for achieving quality education, economic justice, and environmental health in marginalized communities
● Have opportunities to increase Spanish language proficiency
● Understand the social and professional “do’s” and “don'ts” of living and working in a new culture
● Proficiency in writing professional reports to address identified challenges and provide workable solutions
● Develop skills and competencies that transfer to hypothetical future work situations

Academic Level
First Year, Sophomore, Junior, Senior, prospective graduate student, enrolled in graduate school, working on master’s thesis, working on doctoral thesis, postdoctoral scholar

Area of Interest

Approximate Hours Per Week
40 hours/week

Compensation
Upon successful completion of the internship, the intern is offered free admission (food and transport excluded) to our month long Green Building Academy in July 2021. Lodging included unless the intern prefers to stay in a hotel or homestay. - https://www.lwhome.org/academy

Documents Required
Cover Letter
Resume
Blueprint example