



WORK FOR AN AWARD-WINNING NON-PROFIT SOCIAL ENTERPRISE

POSITION OPENING: Engineering Intern

Industry:	Non-profit/International Development
Function:	TECHNICAL
Location:	Based in Kathmandu, Nepal with potential travel throughout Nepal
Start Date:	Immediate
Term:	3 months minimum
Salary:	Unpaid, but the intern will receive assistance with living expenses

Organization Description

Founded in 2004, Build Change is a non-profit social enterprise whose mission is to save lives in earthquakes and hurricanes. Build Change designs disaster-resistant houses and schools, trains homeowners, builders, engineers and government officials to build them, works with governments to develop and implement building standards, partners with the private sector to improve building materials quality and create jobs, and facilitates access to incentive-based capital for reconstruction and retrofitting by partnering with financing institutions and government subsidy programs. Build Change started its work in Aceh, Indonesia after the 2004 earthquake and tsunami and has since expanded to include programs in China, Haiti, Colombia, Guatemala, Nepal, and the Philippines. Build Change has trained more than 23,000 people on earthquake-resistant design and construction techniques, created more than 11,000 jobs and provided technical assistance for more than 47,000 safer buildings, impacting an estimated 236,875 people.

Responsibilities:

Build Change is seeking engineering interns to participate in its technical assistance and training programs in Nepal. We offer an opportunity for students to gain hands-on experience in design, supervision and project management in international disaster response/disaster risk reduction programs. Build Change is flexible for the term and start date of the internship, but requires a minimum three months commitment. This position reports to the Nepal Country Director and receives technical direction from the Nepal Lead Engineer.

General Responsibilities:

- Develop a thorough understanding of the existing structural engineering design resources, and of those developed by Build Change, for use in Nepal.
- With local staff, aid in the application of these resources to provide technical assistance to homeowners to design safe houses, supervise construction, and train builders in disaster-resistant construction practices.
- Check design documents, drawings, bills of quantity, and construction inspection checklists.
- Assist in solving problems and generating solutions in the field for special cases.
- Assist with the development of Build Change technical resources.
- Assist in the development and implementation of training for local engineers, architects, drafters, and other technical staff.
- Assist with technical translation between English and Nepali.

- Promote good communication between the technical group and other departments within Build Change.
- Undertake assignments at the discretion of the Lead Engineer and Country Director.

Qualifications:

- At least 3 years of study toward a bachelor-level degree in engineering at a reputable institution.
- Recent graduates and Master's candidates are also encouraged to apply.
- Interest in earthquake-resistant design and construction of masonry, concrete and timber buildings.
- A basic understanding of good construction practices and the principles of earthquake- and wind-resistant construction. Familiarity with international building codes and guidelines, such as the IBC, ASCE 7, ASCE 41, ACI 318, NDS for wood construction, ACI 530, etc. is a plus.
- Good communication skills and excellent teamwork abilities.
- Willingness to work in informal, dense urban or remote rural communities.
- Valid passport.
- Computer skills including Microsoft Office, AutoCAD and Revit.
- No ego, drama, or pessimism; the successful candidate will be flexible, humble, patient, and have a good sense of humor.
- Fluent English. Proficiency in Nepali is a plus.

To Apply

Go to <http://www.buildchange.org/about/careers> and click on the link for this position. Women and citizens of Nepal are encouraged to apply. Only shortlisted candidates will be contacted. No calls please.