

Littlehorn Engineering, LLC | Career Position

Title: Structural Designer/Engineer

Position: Part Time/Full Time with Flexible Schedule

Pay Grade: \$30-\$36/hr, Dependent on Qualifications

Location: Colorado Mountains

Remote work: Possible – Can be Discussed

Job Description:

This position entails the structural design of residential homes, which includes performing mathematical calculations of beams, columns, foundations, and other structural elements, and working with the project engineer to practically and efficiently integrate these effectively and accurately into plans to be used in construction. The person who fills this position should be a self-motivated individual who has a commitment to excellence, creativity, respect, and accountability. Our firm has office locations in Westcliffe, Salida, and Fairplay.

Duties/Responsibilities

- Develop detailed designs and structural drawings using computer aided drafting (CAD) software
- Model complex wood, steel, and concrete structures with minimal supervision
- Develop complex design layouts that consider and incorporate requirements from other engineering disciplines to create a coordinated, unified design
- Occasionally visit existing structures to create floor plans/schematics of existing construction and perform inspections

Requirements:

Colorado consists of remote, mountainous terrain and require a strong-willed individual adept to living and working in this type of environment. Good driving skills, situational awareness, and backcountry preparedness are necessary. At times it will be necessary to drive in icy/snowy conditions with limited visibility, and a 4x4 or AWD vehicle will be necessary to commute to work. The opportunity to work remotely is possible for those who are self-motivated and require minimal supervision.

- Good communication skills, a willingness to learn, good focus, attention to details and self-motivation
- Ability to work independently, organize and prioritize work assignments and deal with conflicting priorities
- High school diploma or equivalent
- Competency with Microsoft Office programs, including Excel and Word
- Good math aptitude
- Valid driver's license with a good driving record and familiarity with driving in a mountain environment (see description above)

- Good AutoCAD and/or BricsCAD aptitude or the ability to learn on your own – any version/year is acceptable
- Thorough familiarity with structural design and residential construction, preferably with experience in structural detailing
- Ability to meet quality standards and project deadlines
- Design experience with single-family whole house construction and methods are a must
- Degrees in engineering related fields and/or structural drafting is a plus and will be considered in the pay grade offered
- EIT certification or PE certification is a plus and will be considered in the pay grade offered
- Being willing to work at the Fairplay office is a plus

Additional Information:

Benefits for full-time employees include paid vacation, paid sick leave, and cell phone reimbursement. Bonuses are based on the company's performance and your personal contributions, and are typically provided in autumn of each year. Littlehorn Engineering and Surveying, LLC is a small firm, but offers a vast array of services for commercial and residential construction, encompassing specializations in the civil, structural, environmental and architectural fields. Our team of professionals specializes in the necessary disciplines required for Colorado properties, which are sometimes comprised of difficult soils, wetlands, steep terrain, and other site-challenging characteristics.

To Apply:

Submit electronically by emailing careers@littlehornengineering.com (Please include a cover letter and resume as part of your application) or call us at (719) 530-2077.