



Winternship Project Proposal

Organization/Company:

Chayah - Consulting Group

Location:

Loveland, CO

Please provide a brief description of your organization/company:

Engineering and Consulting firm specializing in Architectural, Structural and Civil Engineering for the commercial and residential market sectors throughout northern Colorado.

Project Description:

Remote: On Location:

Apprenticeship in a team consisting of a Senior Project Manager and related Project Engineers. The team may also coordinate with outside professionals such as mechanical, electrical or plumbing engineers, building officials, contractors, inspectors and clients. The projected goal will be for the Apprentice to participate in the creation of a set of Construction Documents.

Project Responsibilities:

Under direct supervision of the Senior Project Manager the Apprentice will assist the Project Engineer(s) with daily duties which may include; thorough review of the project deliverables as stipulated by the client agreement, creation of blueprints and related construction documents required to fulfill project requirements, attending project meetings as they occur, participate in site visits, structural calculations, and submittals.

Desired Qualifications:

- Undergrad/Graduate student pursuing Engineering or Construction Management degree.
- Desire to learn about the industry's use of our professional 'Instruments of Service'.
- Eagerness to learn how 3D BIM design and analysis software affects the building industry.

Skills, knowledge, and experienced to be gained by applicant:

- Blueprint reading, drafting comprehension, hand sketching encouraged.
- Desire to learn the many facets of creating and using Construction Documents.
- Willing to learn and implement Revit, AutoCAD, RISA and Enercalc.

Preferred Contact Information for Applicants:

Chayah Consulting Engineers
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