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Civil Engineering Intern/CO-OP

Kjeldsen, Sinnock & Neudeck, Inc. Stockton / West Sacramento

www.ksninc.com

Send Resume and letter of interest to: boregan@ksninc.com

Kjeldsen, Sinnock & Neudeck Inc. (KSN) is a full-service civil engineering, construction management and land surveying company, with offices in West Sacramento and Stockton. As one of the premier California-based civil engineering firms classified as a Small Business Enterprise, KSN provides comprehensive professional services to clients throughout the Sacramento-San Joaquin Delta, and the San Joaquin and Sacramento Valleys. Our staff of highly qualified professionals include an exceptionally high percentage of Registered Civil Engineers and Licensed Land Surveyors. KSN has been recognized for our unique and innovative work on a broad spectrum of award-winning projects. In addition to KSN's unique qualifications, the firm has also received numerous awards for employee satisfaction and engineering excellence. This includes CE News Best Place to Work Awards from 2008 through 2019; and Engineering Excellence awards in 2005, 2008, 2009, 2010, 2011, 2015, 2016, 2017 and 2018 from the California ACEC. We are highly respected within the civil engineering profession for the high quality of our work product and reliability in delivering large and complex projects on schedule and within budget. We have been in business since 1956.

General Description of Position

Provides research, design, calculation, project coordination and CAD support to Project Manager, Project Engineer, and Project Surveyor. Assignments generally may include, but are not limited to, the preparation of design calculations, cost estimates, quantity calculations, CAD drawings, specifications, maps, plats, exhibits, descriptions, local agency application packages, letters, project memoranda and reports under the direct supervision of a Project Manager, Project Engineer, or Project Surveyor. Position requires good verbal and written communication skills. The position of Engineering Intern is a non-exempt position.

Responsibilities

The following are the typical, but not all inclusive, responsibilities of a Engineering Intern position at KSN.

Engineering Intern is responsible for performing routine engineering and surveying assignments, as may be periodically assigned by a Project Manager, Project Engineer, or Project Surveyor.

Engineering Intern will assist in the areas of boundary surveys, site surveys, topographic surveys, hydrographic surveys, site improvement plans and specifications, public works improvement plans and specifications, opinions of probable costs, grading balance calculations, quantity calculations, hydraulic calculations, regulatory permitting processes, boundary and utility research, public contract requirements, metes and bounds descriptions, and Federal, State and local agency design and mapping



standards. Engineering Intern will work under the direction of a Project Manager, Project Surveyor or Project Engineer and will be responsible for the preparation and formatting of improvement plans, profiles, cross-sections, and details for a broad range of project types including but limited to flood control, site improvement, grading, drainage, street improvements, water distribution, wastewater collection and treatment, storm drainage collection, pump stations, etc.

Engineering Intern must have good verbal and written communication skills, and the ability to effectively communicate with staff, the public, and clients on matters of a technical nature. Engineering Intern must have good organizational skills and be capable of methodically and logically carrying out project assignments. Engineering Intern is responsible for clearly and legibly documenting research, calculations, communications, reports, estimates, and other matters related to project assignments.

Engineering Intern is responsible for understanding and implementing KSN's standards and procedures, including but not limited to CAD standards, file naming standards and plan/map format standards.

Engineering Intern should have a good working knowledge of the following software: Microsoft Word, Microsoft Excel, Microsoft Outlook, AutoCad, Microsoft Project, Revit experience is a plus.

Civil Engineering Intern will periodically assist KSN's Principals, Project Managers, Project Surveyors and Project Engineers in the preparation of project proposals including the preparation scope, schedule, and budget. Civil Engineering Intern may periodically be assigned smaller projects for which the Civil Engineering Intern will be responsible for monitoring project scope, schedule, and budget. Civil Engineering Intern will periodically assist KSN's Principals, Project Managers, Project Surveyors and Project Engineers in the preparation of project proposals including the preparation scope, schedule and budget. projects Senior Engineering Technician's duties and responsibilities may include other assignments and tasks not specifically stated above.

Education

Current enrollment in a BS program with emphasis in civil engineering, or equivalent.

Licensing

California Driver's License