

Structural Engineering Internship / Co-Op Opportunity

Alden Research Laboratory, Inc. (Alden) is a recognized leader in the field of fluid dynamics, engineering, consulting, research and development. Founded in 1894, Alden is headquartered in Holden, MA, with hydraulic modeling laboratories in Holden and in Everett, WA, and offices in Portland, OR, Fort Collins, CO, and Centennial, CO. Alden couples its hydraulic engineering expertise with structural engineering and design to solve complex problems.

General Position Description

Alden is seeking engineers with an interest in structural engineering for a position within the Design Group in its Centennial, Colorado office starting in January of 2019. Our primary clients are in the municipal water supply and treatment, power generation, and manufacturing/process industries. Water supply and treatment projects include evaluations of water supply pipelines and new design and rehabilitation of pump stations and treatment facilities. Hydropower and flood protection related projects include upgrades and modifications of existing dams, spillways, and gates and design support for fish passage facilities. This is an excellent opportunity to work closely with senior staff on truly one-of-a kind projects.

A successful candidate will work on analysis and design of steel and concrete structures using structural engineering software and spreadsheet calculations. Work will also include assisting with the preparation of design and construction documents; including performing drafting work in AutoCAD. The internship/co-op will provide the opportunity to be involved with several phases of structural engineering projects including: planning, analysis, design, and construction. Under the guidance of experts in the field, the successful candidate will have the opportunity to develop unique skills that few other companies provide.

Intern/co-op students are paid hourly and generally work on a part-time status, up to 40 hours per week. Students may receive academic credit if an agreement is made between the Alden Human Resources Department and the student's college or university. Applicant shall meet the following requirements:

Qualifications

- In progress toward earning a Bachelor's degree (minimum) in civil or structural engineering
- An overall GPA of 3.0 or higher
- Experience with AutoCAD and STAAD.Pro or similar structural modeling software
- Excellent time-management skills
- Strong work ethic
- Excellent written and verbal communication skills

AA/EOE Minorities and Women are strongly encouraged to apply.

Qualified applicants should apply by sending a cover letter and resume to HR@aldenlab.com