

CFD Engineer

Alden Research Laboratory 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 Littleton, CO.

General Position Description

Alden is seeking a qualified candidate for the position of Computational Fluid Dynamics (CFD) Engineer in our Fort Collins, CO location. The hydraulic modeling group uses laboratory, scale-model testing, and computational fluid dynamics to solve a wide range of both civil and mechanical engineering flow-related problems. The primary customer base is public sector utilities.

Qualifications

The successful candidate must have the ability to quickly learn, apply, and communicate engineering concepts. A strong fundamental background in civil hydraulic engineering and numerical modeling is required. Only candidates that clearly demonstrate passion for hydraulic engineering and/or fluid mechanics will be considered. Applicants for the CFD Engineer position should have an advanced engineering degree in mechanical or civil engineering. Knowledge of the FLUENT, FLOW-3D, MATLAB/PYTHON and TELEMAC software packages and experience involving large-scale flows with free surfaces, hydraulic structures and multi-dimensional sediment modeling is preferred. Having an EIT certification, PE license, or an advanced degree will be considered as positive attributes.

US citizenship or permanent residence status required.

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

To apply please submit your resume to Hr@aldenlab.com