



📍 Boulder, CO
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KALE DOHRMAN, EIT

SUMMARY

Detail-oriented Structural Engineering student and researcher with a background in Architectural Engineering and an interest in sustainable design. Experienced in the design of concrete, wood, masonry and steel systems with exposure to practices including seismic design and finite element analysis. Proven ability to collaborate in multidisciplinary environments to solve complex engineering challenges related to the built environment.

EDUCATION

Masters of Science

Civil Engineering

Focus: Structural Engineering & Structural Mechanics

CU Boulder | 08/24 – Present

Bachelors of Science

Architectural Engineering

CU Boulder | 08/21 – 05/25

High School Diploma

Caprock Academy | 07/17 – 05/21

CERTIFICATIONS + AWARDS

CU Boulder CEAE Perseverance Award

Awarded: 05/25

Daniels Fund Scholar

Duration: 08/21 – 05/25

Caprock Academy Salutatorian

Awarded: 05/21

LEED® Green Associate™

Awarded: 07/25

Colorado Engineer In Training (EIT)

Awarded: 05/25

Dean's List

Awarded: 12/21

EXTRACURRICULAR

CU Boulder Powerlifting Team

Duration: 10/21 – 01/23

EXPERIENCE

Graduate Research Assistant | Living Materials Laboratory

08/25 – Present

- Developing the first science-based benchmarks for embodied energy intensity (EEI) & embodied carbon intensity (ECI) regarding new medium/large office building envelopes in the United States.
- Developing/deploying an analytical tool to allow architects, engineers, and manufacturers the ability to quickly quantify embodied carbon/embodied energy savings (or penalties) of new and alternate envelope assemblies.

Graduate Course Assistant | CU Boulder

08/25 – Present

- Grader under Dr. Rich Reguiro for Structural Dynamics (CVEN 5111) during the 2025-2026 fall semester.
- Grader, teaching assistant, and course assistant under Dr. Wil Srubar for Design of Wood Structures (CVEN 4565/5565) during the 2025-2026 spring semester. Responsible for holding office hours, grading assignments/exams, and teaching study sessions.

Structural Engineer Intern | Wells

05/25 – 08/25 | 01/26 – Present

- Designer for multiple types of precast concrete structure components including numerous footbridges and wall panels.
- Developed a lifter chart that determines minimum hook spacings for wall panels of varying dimensions.

Project Engineer Intern | Confluence Builders

05/24 – 08/24

- Practiced project estimation and scheduling for various projects, allowing economic insight into materials & assemblies involved in several phases of projects.