

Anna Fulbright

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OBJECTIVE

Third-year Cornell mechanical engineering student seeking a summer 2026 internship in civil engineering.

EDUCATION

Relevant Courses: Statics and Mechanics of Solids, Mechanics of Engineering Materials, Introductory Fluid Mechanics, Thermodynamics, System Dynamics, Differential Equations, Linear Algebra, etc.

EXPERIENCE

Engineers in Action Bridge Program, Ithaca, NY and Eswatini, Africa

Quality Control Manager

January 2025 – September 2025

- Designed and constructed the 2025 Hlanganani Bridge, a 48-meter pilot student suspension bridge
 - Measured and recorded dimensions of all bridge components to ensure bridge was within tolerances
 - Oversaw over 80 cement mixes and recorded ratios of materials used to guarantee quality of mixes
 - Took quality control photos and completed quality control forms throughout 8 weeks of construction
 - Collaborated with and learned from professional engineers and experienced construction workers

Cornell Construction Lead

August 2024 – June 2025

- Taught applicable hands-on skills (surveying, concrete mixing, rebar bending, power tool usage, basic masonry) to team of 30 Cornell students throughout fall and spring semesters
 - Communicated with relevant professionals to acquire tools and materials needed for workshops
 - Utilized AutoCAD and Excel to develop bridge design plans for 2 bridge projects
 - Prepared and presented 4 technical reports per project for 2 bridge projects to a team of professional engineers, government partners, and organization leadership in preparation of construction

Safety Manager

January 2024 – September 2024

- Designed, constructed, and completed the 2024 Jolitane Bridge, an 88-meter suspended footbridge
 - Led daily safety meetings with local community, skilled masons, professional engineers, and students
 - Performed daily site safety inspections, reported near-hits and incidents, encouraged culture of safety among students and community, attended to injuries as a certified Wilderness First Responder

Cornell Outdoor Education, Ithaca, NY

Outdoor Odyssey Backpacking Guide

December 2023 – Present

- Planned and led a 7-day pre-orientation backpacking and rock-climbing trip in Adirondack region of NY for 5 incoming freshmen and utilized technical skills in a limited-resource wilderness setting

NTI Neo's Climbing Wall Monitor

June 2023 – Present

- Operate the front desk, oversee safe climbing and equipment use, teach climbing and belay classes

Illuminations Dance Troupe, Ithaca, NY

Instructor and Performer

September 2023 – Present

- Planned and led weekly rehearsals teaching traditional Chinese-style dance to 15 beginner dancers and performed in 2 annual dance showcases alongside a 40-member team

Social Chair

June 2023 – May 2024

- Facilitated social events such as Lunar New Year hotspot, dumpling making, karaoke, farm tour, etc.

SKILLS

AutoCAD, MATLAB, Java, Python, Excel, Fusion360, Surveying, Problem Solving, Presenting Reports, Collaborating, American Sign Language (intermediate), SiSwati (intermediate)