

# Anna Fulbright

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## OBJECTIVE

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

## EDUCATION

**Cornell University**, College of Engineering, Ithaca, NY

**August 2023 – Present**

Bachelor of Science in Mechanical Engineering (Expected May 2027)

GPA: 3.74

**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

**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 hotpot, 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)