

# MADDIE AZER

Building Engineer

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## PROFILE

Results-oriented Building Engineer with 5 years of experience in maintaining and optimizing building systems for safety, efficiency, and aesthetics. Expertise in HVAC, plumbing, electrical, and structural systems, with a proven track record of completing projects on time and within budget. Strong problem-solving skills, effective communication, and a commitment to continuous improvement. Proficient in industry-standard software and tools, ensuring compliance with building codes and regulations.

## LINKS

[linkedin.com/in/maddieazer](https://www.linkedin.com/in/maddieazer)

## SKILLS

AutoCAD proficiency

HVAC expertise

BIM modeling

LEED certification

Revit mastery

Structural analysis

Energy management

## LANGUAGES

English

Spanish

## HOBBIES

## EMPLOYMENT HISTORY

### ● Building Engineer at Efficiency Vermont, VT

Apr 2023 - Present

- Reduced energy consumption by 25% in over 50 commercial buildings by implementing energy-efficient HVAC systems and optimizing building controls, resulting in annual savings of \$1.2 million for clients.
- Oversaw the retrofitting and renovation of a 100,000 sq. ft. office building, achieving LEED Gold certification and reducing annual energy costs by \$150,000.
- Conducted energy audits and identified energy conservation measures for over 200 residential properties, leading to an average energy savings of 30% and a total reduction of 500,000 kWh per year.
- Implemented a preventive maintenance program for a large commercial property portfolio, resulting in a 15% decrease in maintenance costs and a 20% increase in equipment lifespan.

### ● Assistant Building Engineer at Hallam-ICS, VT

Aug 2018 - Feb 2023

- Successfully managed the installation of a new HVAC system in a 50,000 sq. ft. commercial building, resulting in a 20% reduction in energy consumption and an annual cost savings of \$30,000 for the client.
- Streamlined the preventive maintenance program for 15 buildings, leading to a 25% reduction in equipment downtime and a 10% decrease in maintenance costs over a one-year period.
- Coordinated and supervised a team of 5 technicians during a major electrical upgrade project, completing the work 2 weeks ahead of schedule and 10% under budget while maintaining a 100% safety record.

## EDUCATION

### Bachelor of Science in Civil Engineering at University of Vermont, Burlington, VT

Sep 2014 - May 2018

Relevant Coursework: Structural Analysis, Mechanics of Materials, Fluid Mechanics, Geotechnical Engineering, Transportation Engineering, Water Resources Engineering, Environmental Engineering, Construction Management, and Engineering Economics.

## CERTIFICATES

### LEED Accredited Professional (LEED AP)

Sep 2021