

# Ladasha Rye

Senior Structural Engineer

## Profile

In the past five years, I have worked as a Senior Structural Engineer for various companies. My experience has taught me how to design and oversee the construction of various types of structures, such as bridges, buildings, and dams. In addition, I have gained valuable experience in managing teams of engineers and technicians. As a result of my skills and experience, I am confident that I can successfully contribute to any engineering project.

## Employment History

### Senior Structural Engineer at Halff Associates, Inc., TX

Apr 2022 - Present

- Led a team of engineers in the design of a new airport terminal, which was completed on time and within budget.
- Conducted analysis of data from field tests to determine causes of cracks in concrete beams, and developed solutions to prevent future problems.
- Wrote technical papers on methods for improving the accuracy of structural calculations, which were published in industry journals.
- Served as project manager for the construction of a office building, ensuring that all work was completed according to schedule and within budget.
- Managed a staff.

### Lead Structural Engineer at Terracon, TX

Jul 2017 - Feb 2022

- Defined the scope of work and formulated the engineering budget for a \$2M construction project.
- Led a team of 5 engineers in designing 2 new buildings totaling 100,000 square feet.
- Planned and coordinated all aspects of structural testing for a 20-story office building.
- Successfully designed and oversaw implementation of load-bearing wall system to support an additional two stories on top an existing six story building.
- Detailing, specifications, calculations) for concrete structures ranging from small residential projects to high-rise commercial Towers.

## Education

### Bachelor of Science in Civil Engineering at The University of Texas at Arlington

Aug 2013 - May 2017

I've learned how to design and analyze structural systems, how to manage construction projects, and how to perform various civil engineering calculations.

## Details

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## Links

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

## Skills

AutoCAD

Revit

STAAD.Pro

RISA-3D

SAP2000

ETABS

SAFE

## Languages

English

Italian

## Hobbies

Woodworking

Auto Restoration

Homebrewing