

Saleena Hugo

Structural Engineer

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📍 1234 Elm Street, New York, NY
10001

Education

Bachelor of Science in Civil Engineering at University of Illinois at Urbana-Champaign

Sep 2013 - May 2018

I've learned how to design and analyze structural and transportation systems using physics and mathematics.

Links

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

Skills

AutoCAD

Revit

STAAD.Pro

SAP2000

ETABS

SAFE

Microstran

Languages

English

German

Profile

Structural Engineer with over 4 years experience in designing and managing construction projects. Expertise in steel, concrete, masonry and timber design. Proven ability to complete projects on time and within budget while meeting all safety requirements. Strong communication and interpersonal skills with the ability to effectively work with all stakeholders including clients, architects, engineers and contractors

Employment History

Structural Engineer at Wiss, Janney, Elstner Associates, Inc., IL

Apr 2022 - Present

- Successfully designed and oversaw construction of a 20-story office building in downtown Los Angeles.
- Managed a team of engineers and technicians on various projects.
- Successfully completed the design of a \$1.2 billion dollar bridge project in San Francisco.
- Reduced costs by 10% on average for all projects under my supervision.
- Achieved an 85% success rate for all projects completed on time and within budget.

Associate Structural Engineer at Thornton Tomasetti, IL

Jul 2018 - Mar 2022

- Led the design of a 10-story office building in downtown Chicago – the project was completed on time and under budget.
- Designed a new steel truss system that saved 20% on material costs for a major bridge reconstruction project.
- Conducted wind tunnel testing to assess the effects of high winds on a proposed skyscraper design – this led to significant changes to the facade and overall structure of the building, improving its safety and stability.
- Authored multiple papers on structural engineering topics such as seismic design, construction methods, and materials research.
- Presented findings from my doctoral thesis research at an international conference.

Certificates

Certified Structural Engineer (CSE)

Apr 2021

Certified Bridge Inspector (CBI)

Oct 2019

Memberships

American Society of Civil Engineers (ASCE)

Structural Engineering Institute (SEI)