

STRUCTURAL ENGINEER



THE PROBLEM SOLVER
THE BUILDER
THE ORGANIZER

Structural engineers **analyze, design, plan and research** structural components and structural systems to achieve design goals and ensure the safety and comfort of users or occupants. The primary goal is to develop a support system that will allow the structure to stand safely, and to minimize the risk of collapse.

FAST FACTS

Median Salary:
\$66,906

Industry:
Construction
Skilled Trades
Engineering

HOW TO LAND YOUR 1ST JOB

Get an **internship** during school or in the summer.

Put together a **resume** and list of references.

SKILLS NEEDED ON THE JOB

- Analytical
- Creative
- Detail-oriented
- Computer skills:
Revit, Rhino, SAP, ETABS,
RISA, Excel, Word, maybe
AutoCAD

EDUCATION AND TRAINING NEEDED

Bachelor's Degree in
Civil Engineering or
Architectural Engineering.

Master's Degree in
Structural Engineering.

Pass the EIT
(Engineering in Training)
exam.

Licensure:
Professional Engineer
Structural Engineering

To learn more about this career, visit

www.**GLADEO**.org