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

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