

# Amelita Satler

Civil Structural Engineer

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## EDUCATION

**Bachelor of Science in Civil and Structural Engineering at Arizona State University, Tempe, AZ**

Aug 2013 - May 2018  
Relevant Coursework: Structural Analysis, Reinforced Concrete Design, Steel Design, Geotechnical Engineering, Fluid Mechanics, Transportation Engineering, Environmental Engineering, Construction Management, and Surveying.

## LINKS

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

## SKILLS

AutoCAD  
Revit  
SAP2000  
ETABS  
SAFE  
Tekla Structures  
STAAD.Pro

## LANGUAGES

English  
Japanese

## HOBBIES

## PROFILE

Civil Structural Engineer with 5 years of experience in designing, analyzing, and optimizing infrastructure projects. Proficient in preparing detailed structural designs, coordinating with multidisciplinary teams, and ensuring compliance with industry codes and standards. Demonstrated success in delivering cost-effective and sustainable solutions for residential, commercial, and industrial developments. Strong analytical, problem-solving, and communication skills, committed to maintaining safety and quality in all projects.

## EMPLOYMENT HISTORY

- Civil Structural Engineer at Caruso Turley Scott, AZ**  
Mar 2023 - Present
  - Designed and successfully implemented a cost-effective structural support system for a 50,000 square foot commercial building, resulting in a 20% reduction in material costs and a 15% reduction in construction time.
  - Led a team of engineers in the completion of a \$5 million bridge rehabilitation project in Arizona, ensuring all safety regulations were met and the project was finished two months ahead of schedule, saving the client approximately \$500,000 in potential delays and penalties.
  - Developed an innovative earthquake-resistant design for a 30-story residential building, utilizing advanced analysis software and state-of-the-art materials, which reduced the risk of structural damage by 40% and increased the overall safety of the building for its occupants.
- Associate Civil Structural Engineer at PK Associates, AZ**  
Sep 2018 - Feb 2023
  - Successfully designed and executed a \$5 million bridge project in Arizona, which involved coordinating with multiple stakeholders, ensuring timely completion, and adherence to safety standards.
  - Streamlined the structural design process for a 10-story commercial building, resulting in a 15% reduction in design time and a 10% cost savings for the client.
  - Led a team of junior engineers to complete a comprehensive structural analysis and retrofit of a historical building, preserving its architectural integrity while meeting modern seismic requirements.
  - Developed and implemented new quality control procedures for the Civil Structural Engineering department, reducing project errors by 25% and increasing overall client satisfaction.

## CERTIFICATES

**Structural Engineering Certification Board (SECB) certification**  
Oct 2021  
**NCEES Professional Engineer (PE) licensure in Civil/Structural Engineering**  
Mar 2020

## MEMBERSHIPS

American Society of Civil Engineers (ASCE)