OMAR HADDAD

STRUCTURAL PROJECT ENGINEER

CONTACT

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SKILLS

- RAM Structural System
- ETABS
- SAFE
- Enercalc
- RISA
- Revit
- IBC
- AISC
- Excel
- Communication

EDUCATION

Master of Science

05/2021

Arizona State University

Tempe, AZ

Civil Engineering (Structures)

CERTIFICATES

Professional Engineer (PE), Civil

2025

Arizona State Board of Technical Registration

SUMMARY

Structural project engineer and PE with 5 years of structural engineering experience on mid-rise residential, hospitality and parking structures. Runs RAM, ETABS and SAFE models, checks details in Enercalc, and manages the structural scope, schedule and fee on projects up to $60 million in construction value.

EXPERIENCE

Structural Project Engineer 03/2023 - Present

Sonoran Structural Consultants Phoenix, AZ

Structural firm of 30 engineers designing buildings across Arizona and Nevada.

- Manage structural design for **7** projects at a time, including a 9-story hotel and 2 post-tensioned garages.
- Analyze lateral systems in ETABS and gravity framing in RAM Structural System to IBC and AISC 360.
- Design post-tensioned slabs and mat foundations in SAFE, cutting concrete volume 8% on a 1,200-stall garage.
- Track design budgets and hours in Excel, keeping 6 of 7 projects within fee.
- Mentor 2 junior engineers on Enercalc checks and calculation packages.

Structural Engineer 06/2021 - 02/2023

Mesa Design Engineers Tempe, AZ

Building design firm.

- Designed wood and steel framing for 20 multifamily and retail buildings.
- Modeled 12 projects in RISA and Revit and coordinated sheets with drafters.
- Responded to 150 RFIs during construction within 3 business days.