



## Mehdi Alirezaei

### Project Manager

#### Department

Engineering Services

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#### Locations

Los Angeles, CA

## Biography

Mehdi Alirezaei is a licensed professional engineer with a demonstrated history of working in the civil engineering industry. Mehdi has performed forensic investigations of structural related damage to residential and commercial buildings in Florida, California, Nevada, Washington and Louisiana.

Responsibilities have included the cause and origin investigation of structural failures, foundation failures, building envelope failures, hail and wind damage assessment, vibration damage to structures, water source identification, construction compliance with building codes, and flood damage evaluations and the preparation of reports based on the findings of the investigations.

## Representative Consulting Assignments

- Available Upon Request

## Professional Experience

- 2022 - Current | Project Manager | YA Engineering Services
- 2019 - 2022 | Structural Forensic Engineer | U.S. Forensic
- 2017 - 2019 | Project Engineer | GRL Engineers Inc

## Area of Practice

- ADA Compliance Assessment
- Building Code Upgrade Review
- Building Envelope
- Condition Assessment
- Earthquake Engineering
- Fire and Life Safety Systems
- Roofing
- Seismic Risk Assessment
- Structural Analysis
- Water Leakage Testing and Analysis

## Publications and Presentations

- BIM-based damage estimation of buildings under earthquake loading condition, A Holistic Techno-ecological Modeling Approach, Investigation on the seismic behavior of single story concrete frames equipped with metallic yielding dampers -Getting to Net Zero Energy Buildings

## Education

- Sharif University of Technology - Master - Structural Engineering - Tehran
- Azad University of Tehran - Bachelor of Science - Civil Engineering - Tehran
- University of Central Florida - Ph.D - Civil Engineering - Orlando - Florida

## Licenses

- 91963 - California - Professional Engineer
  - 87458 - Florida - Professional Engineer
  - 28029 - Nevada - Professional Engineer
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