



# MICHAEL ANDERSON

## Forensic Structural Engineer

Detail-oriented Structural Engineer with a rich background in forensic engineering and building diagnostics. Over the past 8 years, I have specialized in investigating structural failures and determining causes of damage. My expertise allows me to develop effective solutions to prevent future issues, ensuring safety and compliance with regulations. I have a strong analytical mindset and utilize various testing and diagnostic tools to assess the structural integrity of buildings.

### CONTACT

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- San Francisco, CA

### EDUCATION

#### Master of Science in Structural Engineering

University of Forensic Sciences  
2014

### SKILLS

- Forensic Engineering
- Structural Analysis
- Problem Solving
- Technical Writing
- Team Collaboration
- Safety Compliance

### LANGUAGES

- English
- Spanish
- French

### WORK EXPERIENCE

#### Forensic Structural Engineer

2020-2023

Structural Integrity Analysis

- Conducted investigations into structural failures and damage assessments.
- Utilized forensic analysis techniques to determine failure causes.
- Prepared expert reports for legal proceedings and insurance claims.
- Collaborated with multidisciplinary teams to develop remedial solutions.
- Performed site inspections and testing to ensure structural safety.
- Improved client satisfaction through thorough and clear reporting practices.

#### Structural Engineer

2019-2020

BuildSafe Engineering

- Assisted in evaluating the structural integrity of existing buildings.
- Conducted load testing and analysis to assess safety standards.
- Collaborated with architects to ensure compliance with building codes.
- Drafted technical reports and recommendations for clients.
- Participated in training sessions on forensic engineering techniques.
- Enhanced analysis accuracy through rigorous testing methodologies.

### ACHIEVEMENTS

- Recognized for excellence in forensic analysis by industry peers in 2021.
- Successfully resolved complex structural failure cases with a 95% success rate.
- Developed a training program for engineers on failure analysis techniques.