

## **EDUCATION**

- 1996                      **B.S., Civil Engineering**  
California Polytechnic State University, San Luis Obispo, CA
- 2006                      **M.S., Civil Engineering**  
San Jose State University, San Jose, CA

## **EXPERIENCE**

- June 2021  
to Present                      **Engineering Design & Testing Corp.**  
**Oakland, California**
- Consulting Engineer*  
Conduct and manage investigations involving buildings, structures, and structural components, including structural analysis, damage assessment. Building code compliance, lab and field testing of construction materials, and review of structural designs. Interact with clients and other consultants. Prepare written reports summarizing your analysis.
- January 2021  
to June 2021                      **Coffman Engineers**  
**Oakland, California**
- Senior Discipline Engineer, Structural Engineering*  
Design soft-story retrofits of residential and commercial buildings. Manage large-scale multi-family housing projects. Perform structural assessments of fire escapes. Prepare budgets and proposals for structural projects for review by the office General Manager. Handle coordination with the owner and design team on the various projects. Supervise engineering and drafting personnel.
- January 2020  
to January 2021                      **Element Structural Engineers**  
**Newark, California**
- Project Manager*  
Manage multiple large- and small-scale projects in affordable housing and commercial tenant improvements. Work with the owner to help guide the company regarding design approach to projects, project management philosophy and programs which I have used in previous experiences. Prepare budgets and proposals for projects and assist the owner with managing the budgets. Be the interface with the design team and owner on projects throughout the design phase.
- September 2008  
to January 2020                      **Peoples Associates Structural Engineers**  
**Milpitas & Pleasanton, California**
- Project Manager*  
Manage multiple large- and small-scale projects in various markets including multi-family, data centers and tenant improvements. Work with other Project Managers

and senior management to guide the company to make sure the goals and milestones are being met and help determine the path moving forward. Prepare budgets and proposals for projects, monitor the budgets of projects throughout the design and construction progress. Interface with clients and project owners throughout the design and construction process.

February 2006  
to September 2008

**Peoples Associates Structural Engineers  
Milpitas, California**

*Structural Engineer*

Work as part of the design team to facilitate the best solution for individual projects. Mentor Project & Assistant Engineers enabling them to produce high-quality structural calculations and drawings. Work with Project Managers to develop the guidelines for production of calculations and drawings.

February 2001  
to February 2006

**Peoples Associates Structural Engineers  
Milpitas, California**

*Project Engineer*

Supervise Assistant Engineers in the production of structural calculations. Assist other Project and Structural Engineers on the development of structural calculations and drawings. Coordinate the production of the structural drawings with other design team members. Prepare structural drawings for individual projects.

March 1999  
to February 2001

**Peoples Associates Structural Engineers  
Milpitas, California**

*Assistant Engineer*

Design residential (single and multi-tenant), commercial, and industrial structures using applicable building codes under the supervision of a Registered Structural Engineer. Design equipment anchorage for rooftop and ground mounted equipment including air conditioners, chillers, and electrical conduit. Conduct site examinations to verify structural dimensions for designing seismic retrofits. Assist other Assistant and Project Engineers on the development of structural calculations and drawings.

January 1997  
to March 1999

**Rimkus Consulting Group  
Irving, Texas**

*Technical Specialist*

Evaluated failures in civil engineering disciplines related to residential and commercial buildings and communication towers. Evaluated foundation and structural deficiencies and failures. Verified construction compliance with applicable building codes and contract specifications. Assisted Professional Engineers in other disciplines in the evaluation of failures and accidents related to their discipline. Developed 2D drawings using AutoCAD.

## **EXPERIENCE**

### ***Field Experience and Consulting Activity (partial list)***

#### **Television Tower Collapse — Shreveport, Louisiana**

Performed site examinations of a 1,500 feet tall television tower collapse. I assisted in mapping the structural components including truss members, bracing and guy wire bracing. This work was performed on two separate site examinations.

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**Roof Collapse — Dallas, Texas**

Performed site examinations during the methodical removal of a roof structure which was being lifted to create a taller structure. The roof structure was supported by telescoping jacks that were in the process of raising the roof structure when it collapsed. The roof structure needed to be methodically removed as it covered much of the site and inhibited complete examination. Multiple site examinations were involved to note the different components of the roofing system. Eventually the jacks used to raise the roof for able to be examined and then removed from the site for storage.

**REGISTRATIONS and CERTIFICATIONS**

Registered Professional Engineer in Alabama (36689)  
Registered Professional Engineer in Arizona (74155)  
Registered Professional Engineer in California (C61521)  
Registered Structural Engineer in California (S4921)  
Registered Professional Engineer in Georgia (PE 042301)  
Registered Structural Engineer in Hawaii (PE-19587)  
Registered Professional Engineer in Idaho (P-20386)  
Registered Professional Engineer in Iowa (P21536)  
Registered Professional Engineer in Nebraska (E-16724)  
Registered Professional Engineer in Nevada (02057)  
Registered Structural Engineer in Nevada (02057)  
Registered Professional Engineer in New Mexico (2031)  
Registered Professional Engineer in North Carolina (037224)  
Registered Professional Engineer in Ohio (PE.82554)  
Registered Professional Engineer in Oregon (84510PE)  
Registered Professional Structural in Oregon (84510PE)  
Registered Professional Engineer in South Carolina (321717)  
Registered Structural Engineer in Utah (12382132-2203)  
Registered Professional Engineer in Washington (55428)  
Registered Structural Engineer in Washington (55428)

National Council of Examiners for Engineers and Surveying Record (#13-608-50)  
Disaster Service Worker, State of California Safety Assessment Program

**PROFESSIONAL ORGANIZATIONS**

Structural Engineers Association of Northern California (SEAONC)  
National Council of Structural Engineers Association (NCSEA)  
American Society of Structural Engineers (ASCE)

American Institute of Steel Construction (AISC)

American Concrete Institute (ACI)