

# Chia-Wang Yeh, S.E., LEED<sup>AP</sup>

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## EDUCATION

June 2002                      **Stanford University**                      Stanford, CA  
Master of Science in Civil and Environmental Engineering, Structural Program. Broad curriculum in Structural Engineering with emphasis on Steel Design, Structural Analysis and Design, Building Systems and Construction Management

June 1999                      **National Taiwan University**                      Taipei, Taiwan  
Bachelor of Engineering; Major in Civil and Environmental Engineering

## LICENSES

2016                      **U.S. Resiliency Council Rater, U.S.A.**  
2012                      **Registered Licensed Civil Engineer, Taiwan, R.O.C.**  
2010                      **Registered Licensed Structural Engineer, Taiwan, R.O.C.**  
2008                      **Leadership in Energy and Environmental Design, LEED Accredited Professionals**  
2008                      **Structural Engineer, California, S 5164**  
2004                      **Professional Engineer, Civil Engineering, California, C 67101**

## EMPLOYMENT

11/16 – now                      **Chiawang Structural Engineering**                      San Francisco, CA  
*Principal*

04/13 – 12/16                      **Louie International**                      San Francisco, CA  
*Associate*

- Nonlinear Analysis and Design of Concrete and Steel Highrise Structures
- Team coordinations and Project management
- Created structural details and calculations

09/11 – 02/12                      **King-Le Change & Associates**                      Taipei, Taiwan  
*Project Engineer*

- Dynamic Analysis of Base Isolated Structure
- Team coordinations and Project management
- Created structural details and calculations

06/05 – 08/11                      **Louie International (Formally Middlebrook and Louie)**                      San Francisco, CA  
*Project Engineer*

- Dynamic Analysis of Concrete and Steel Highrise Structures
- Team coordinations and Project management
- Created structural details and calculations

03/04 – 05/05                      **TEAC Structural Engineering**                      San Ramon, CA  
*Project Engineer*

- Completed Various Projects in Timber, Light-Gauge Steel and Concrete
- Prepared structural calculations and details
- Performed site observations

11/03 – 03/04                      **Theophanous Structural Engineers**                      Lafayette, CA  
*Structural Designer*

- Designed Residential Wood Structures as required by UBC
- Prepared structural calculations and details

09/02 – 11/03                      **BRG Engineering**                      Sacramento, CA  
*Assistant Structural Engineer*

- Retaining walls, drainage structures, bridges designs

## SKILLS

- ETABS, SAP2000, SAFE, RAM Steel, Perform 3D, AutoCAD, Revit Structure
- International Building Code and California Building Code, DSA Plan Checker
- Earthquake Engineering for Timber Structure, Concrete and Steel Buildings
- Post Tension Structural System Design

## LANGUAGES

- Mandarin – Native
- English - Fluent

## PAST KEY PROJECTS

2016

- **Burlingame Point**, Burlingame, CA – two 5-story building, one 7-story building, one 8- story building, 2-story amenity building and 5-story parking structure over podium. Total building area is 767,000 square foot on a 18.13 acre site.  
Responsible for building analysis and team coordinations.
- **Lee Residence**, Palo Alto, CA – 2600 square foot one-story single family custom house.

2015

- **408 Panama Mall**, Stanford, CA – 3-story office building with one story basement (70,000 square foot) consists of steel special moment frames.  
Responsible for building analysis and team coordinations.
- **Lee Duplex Addition/Remodel**, San Francisco, CA – 120 square foot addition to a 2,400 square foot three story single family house and interior remodel

2014

- **350 Bush Street**, San Francisco, CA – 20-story office building with two story basement (360,000 square foot) consists of concrete shear wall and moment frames which adds to an existing historical mining exchange building to be restored.  
Responsible for building analysis, peer review and team coordinations.
- **Jia Family House Addition**, Los Altos, CA – 1,200 square foot addition to a 2,000 square foot single family house

2013

- **PNG Center**, Papua New Guinea – Office complex building and parking structure with one story podium below. Structure design follows local code and Chinese steel sections.  
Responsible for building lateral analysis and team coordinations.
- **Liu Family House Addition**, Palo Alto, CA – 400 square foot addition to a 2,000 square foot single family house

2012

- **National Palace Museum, Southern Branch**, Taiwan – 4- story museum building with 38,000 square meter floor plan. Single-stage friction pendulum system is used for base isolation.  
Responsible for seismic analysis, team coordinations.

2011

- **New Doha International Airport(NDIA)**, Doha, Qatar – On-site structural engineer of North Node construction (Phase 3) which consists of 8 contact gates. This project consists of 5.3 million square feet with 40 contact gates.  
Responsible for site meeting and coordinations.

2010

- **One Hawthorne Street**, San Francisco, CA – 26-story residential building with 4 story underground parking (290,000 square foot) consists of concrete shear wall and post tension concrete slab.  
Responsible for all design works, team coordinations, plan check responses, construction administrations, RFI and site observations.
- **45 Lansing Street**, San Francisco, CA – 41-story residential building with 4 story underground parking (420,000 square foot) consists concrete shear walls and concrete moment frames.  
Responsible for all design works, team coordinations, Peer Review process.
- **ARE TIN**, Tianjin, China – 4-story international life science and technology center consists of 227,600 square meter research plan with concrete frames.  
Responsible for all design works.

2009

- **Stanford Parking Structure**, Stanford, CA – 5-story underground parking structure with concrete shear wall and post tension concrete slab. Responsible for all design works, team coordinations, plan check responses, construction administrations, RFI and site observations.
- **Munger Residence**, Stanford, CA – 5 school residential buildings (500,000 square foot) with concrete shear wall and post tension concrete slab.  
Responsible for all design works, team coordinations, plan check responses, construction administrations, RFI and site observations.
- **House C Residence**, Taiwan, R.O.C. – 7,100 square foot two story single family house 2011

2008

- **555 Mission Street**, San Francisco, CA – 34-story office building (625,000 square foot) with dual system consists eccentrically steel braced frame and steel moment frame.  
Responsible for all design works,  
team coordinations, Peer Review process, construction administrations, RFI and site observations.

2007

- **UC Davis Football Stadium**, Davis, CA – Football field and timber and CMU facility houses.  
Responsible for all construction administrations, RFI and site observations.
- **Law Residence**, Palo Alto, CA – 4,000 square foot two story single family house