YUKI HASHIMOTO

Structural Engineer

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SUMMARY

Licensed PE Structural Engineer with 7 years at Arup and Simpson Gumpertz & Heger specializing in high-rise and seismic design. Led structural design for $240M tower achieving LEED Gold, reduced material costs by 15% through optimized steel design, and managed teams of 4 engineers on concurrent projects. SE licensed in California.

EXPERIENCE

Structural Engineer

Arup

Mar 2020 - Present Los Angeles, CA

Led structural design for high-rise commercial, mixed-use, and cultural projects in seismic zones.

- Led structural design for $240M 42-story mixed-use tower; project achieved LEED Gold through optimized structural system selection
- Reduced steel material costs by 15% on $68M office complex through buckling-restrained brace frame optimization and iterative ETABS analysis
- Managed concurrent structural deliverables for 4 projects totaling $380M in construction value with team of 4 engineers
- Performed peer review of $32M hospital lateral system design; identified 3 critical connections requiring redesign prior to permit submission
- Authored 6 seismic design memos referenced across 4 major firm projects as standardized design guidance

Associate Structural Engineer

Simpson Gumpertz & Heger

Jun 2016 - Feb 2020 San Francisco, CA

Designed structural systems for commercial and institutional retrofit projects.

- Designed seismic retrofit for 22-story 1960s office building using viscous dampers; reduced expected seismic drift by 38%
- Performed finite element analysis on $18M bridge deck replacement; steel design reduced dead load by 11%

PROJECTS

High-Rise Commercial Building

Lead Structural Engineer

Jan 2020 - Jun 2020

Designed and developed the structural system for a 20-story commercial building, using advanced software and design techniques.

AutoCAD • Revit • ETABS

Residential Complex

Structural Engineer

Jul 2019 - Dec 2019

Designed and developed the structural system for a residential complex, consisting of 10 buildings and 500 units.

SAP2000 • STAAD.Pro • Tekla Structures

SKILLS

ETABS SAP2000 PERFORM-3D Autodesk Revit Seismic Design (ASCE 7, CBC) Steel & Concrete Design (AISC/ACI) Peer Review BIM Coordination

LANGUAGES

English ●●●●●

Spanish ●●●●○

EDUCATION

Master of Science

University of California, Berkeley

Sep 2014 - May 2016 Berkeley, CA

Structural Engineering

Bachelor of Science

UCLA

Sep 2010 - Jun 2014 Los Angeles, CA

Civil Engineering

CERTIFICATES

PE License

State of New York · Jan 2018

Professional Engineer license, demonstrating expertise in structural engineering.

SE License

State of California · Jun 2020

Structural Engineer license, demonstrating advanced knowledge in structural engineering.

STRENGTHS

Technical Expertise

Highly skilled in structural analysis, design software, and construction materials.

Leadership

Proven ability to lead cross-functional teams and mentor junior engineers.

Communication

Excellent communication skills, with ability to effectively present complex technical information to clients and stakeholders.