

Raytene Han, PE

Skills & Certifications

PROGRAMMING LANGUAGES

JavaScript, HTML, CSS, Python

SOFTWARE

Bluebeam, Enercalc, ETABS, ADAPT, RAM, RISA 3D, MathCad, AutoCAD, Rhino, Grasshopper, Microsoft Office

CERTIFICATIONS

Professional Engineer – Civil Engineer, C91683

Issued Aug '20

Experience

NOTABLE PROJECTS

Future Project

Present

- Description of future project

JOHN A. MARTIN & ASSOCIATES

Project Engineer

Aug '20 – May '22

- Collaborate directly with general contractors, architects, and other disciplines on design-build projects to produce efficient and constructible designs
- Manage the production of project documentation from schematic design through construction documents, including detailing structural drawings and assembling specifications
- Coordinate with architectural, MEP, and civil to mitigate potential conflicts and resolve design clashes
- Perform site observations and respond to RFIs to provide creative solutions to issues that arise in the field
- Communicate with design team and maintain documentation in construction administration using platforms such as e-Builder and Procore
- Implement new technology to streamline existing post-processing workflows through Rhino and Grasshopper
- Mentor interns by providing learning opportunities within larger projects and necessary guidance

Structural Designer

Jan '19 – Aug '20

- Built 3D models for lateral and gravity analyses and post-processed data to translate analysis into design
- Designed and detailed building lateral force-resisting systems, gravity systems, and miscellaneous design elements such as equipment anchorage, canopies, and other architectural features
- Assembled load criteria and general structural design criteria based on project location and applicable codes, including but not limited to ASCE, CBC, IBC, ACI, and AIS
- Independently learned to utilize ADAPT Builder for gravity design of concrete PT slabs and presented program demonstration to the rest of the office
- Obtained building permits with LADBS, DSA, OSHPD, and local jurisdictions through plan check processes

Education

RITHM SCHOOL

Full Stack Web Development

Oct '22

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Bachelor of Science, Structural Engineering

Jun '17

Master of Science, Structural Engineering

Dec '18