

# Raytene Han, PE

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## Skills & Certifications

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### 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

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### 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 AISC
- 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

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### 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*