



**Basic Information Employment type:** Full-Time  
**Location type:** Onsite  
**Locations:** 1885 Meridian Ave., San Jose, CA 95125  
**Duration:** Permanent  
**Estimated pay:** \$30 - 36 per hour

**Benefits:** Dental , Health, Vision Insurance, Paid time off  
**Bonus Pay:** Yearly performance bonus  
**Schedule:** 8AM-5PM , 9AM-6PM or 10AM-7PM

## Open Position: Junior Structural Engineer

Structural engineering corporation with a large experience in the field of residential and commercial structures. Our services include new homes, remodels and additions, soft story retrofit plans, seismic retrofits, infrastructure, tenant improvements, and more. We serve the greater Bay Area, including the cities of Monterey and Napa. This position is great for someone who has a great interest in structural design and have some internship experience throughout their academic year and ready to learn from experienced engineers to sharpen their existing skills and build a strong foundation for their career.

Junior Structural Engineer shall be under continuous supervision of Senior project engineer. An ideal candidate will take initiative in their training in order to progress to more difficult and challenging projects with reduced supervision. Strong communication skills are required as it is expected to work with the owner to meet project budgets and deadlines in an effort to satisfy the owner's goals and expectations.

Candidates for this position must be able to perform the following tasks semi-independently:

- Structural gravity design & calculations/analysis (resolving forces & beam analysis)
- Structural lateral design & calculations/analysis (wood frame shear walls & steel moment frames)
- Retaining Wall design & calculations/analysis
- Creating complete and accurate construction shop drawings and specs (drafting work is required)
- Performing field inspections
- Evaluating building and site conditions and preparing technical reports of investigations
- Ensuring client support and satisfaction
- Drafting

Qualifications for Junior Engineering Position:

Basic (Must):

- BS in Civil or Structural Engineering
- Strong communication skills required
- Ability to work well with others
- Familiarity with current building codes preferred. (e.g. CBC, CRC, NDS, ASCE, ACI, etc.)
- Proficient at Microsoft Word and Excel
- Very strong AutoCAD skills

Preferred:

- You have passed the 8 Hour NCEES Exam.
- Minimum 1 year work experience in structural design. Past internship at a structural engineering firm is okay.
- Familiarity with engineering software preferred (StruCalc, EnerCalc, RetainPro, RISA, etc.)

Please apply at: [contact@4xengineering.com](mailto:contact@4xengineering.com)