

## Maffei Structural Engineering – Externship Program

### Our firm

At Maffei Structural Engineering, we enjoy a collaborative work culture and are committed to growing a practice that embraces both design and research.

We are a small and growing firm and we love to investigate, ask questions, and re-think challenging issues in structural engineering, leading to efficient solutions and resilient structures and communities.

Our work is a balance of seismic evaluation, new building and retrofit design, expert review, and engineering research. We are industry leaders in advanced seismic analysis, performance-based design, tall buildings, and renewable energy structures.

With our pioneering work in solar energy structures, and as signatories to the SE 2050 pledge, we are committed to environmentally sustainable design and construction.



photograph by David Wakely



### Program description

Maffei Structural Engineering is offering a 3-day externship program to introduce curious students to the field of structural engineering. Participants will go through a structured program of learning activities including presentations about the industry, real project work, Young Engineers’ meetings, and personal mentorship.

The externship will take place from a Tuesday through Thursday sometime between March and August, depending on participants’ availability. A tentative schedule of activities is shown below. Participants will be awarded a stipend to compensate them for their time.

Only limited spaces are available. We welcome applications from candidates who identify with groups that are under-represented in structural engineering.

### To apply

We are looking for aspiring engineers who are eager to learn about structural engineering and our team. Please apply through the form linked below, also posted on our website. The application requires a resume, your transcript (unofficial version OK), and a short response as to how our program can help you. All students in a civil/structural engineering program are welcome to apply! **Applications for spring break are due 2023 March 1, and for summer are due 2023 April 1.**

Application form:



See our website at: [maffei-structure.com/about/careers](https://maffei-structure.com/about/careers).

Example program	Tuesday	Wednesday	Thursday
<b>9am – 11am</b>	Maffei orientation	Project work (or site visit)	Project work
<b>11am – 12pm</b>	All-staff meeting	Structural engineering presentation	Young Engineers’ meeting
<b>12pm – 1pm</b>	Team lunch	Mentor lunch	Team lunch
<b>1pm – 5pm</b>	Project work - review drawings and structural calculations	Project work (or site visit)	Project work