

InfiniteCooling

Infinite Cooling's mission is to mitigate water scarcity around the world. We help power plants and other industrial plants reduce their water consumption and water treatment costs by recovering water from their cooling tower exhaust. We have a patent-pending technology developed at MIT that uses electric fields to capture water from the plumes leaving cooling towers. We are a vibrant startup based in Somerville, Massachusetts, and we are on a mission to be a global leader in the water services industry for industrial applications. Infinite Cooling is venture-backed and has won the MIT \$100K, MassChallenge, the DOE national Cleantech competition, an NSF SBIR, and numerous other awards.

We are looking for a sharp, tenacious and creative Structural Engineer to join our team. Strong communication, flexibility, and the desire to "wear many hats" will all be essential skills for a successful applicant.

What you will do:

- Lead structural design efforts from initial conception to commissioning
- Perform calculations for various structural steel and composite components
- Perform static and dynamic analyses
- Work on a cross-functional team to help integrate electrostatic, electrical, pneumatic, and thermal fluid systems onto structures
- Design creative structures that are low cost and easy to fabricate and assemble
- Work with an EPC firm to design, source, and construct in order to meet project specifications, cost and schedule objectives
- Perform site walkthroughs and inspections to analyze condition and perform damage assessments with root-cause analyses

About you:

- You are passionate, genuinely curious and innovative
- You have unwavering personal integrity and work ethic
- You are proactive and productive – you complete tasks in a timely manner
- You are adaptable and excel working in a fast-paced dynamic environment

Qualifications:

- Bachelor's Degree in Engineering (Structural, Civil, Mechanical) with 3-8 years of relevant work experience required
- Experience participating in structural design using steel and composites for buildings, towers, industrial type facilities, hangars, or substation projects
- Track record of think creatively about structural design and integration of electrical and mechanical subsystems that drive structural design requirements
- Proficiency in 3D Modeling
- Knowledge of steel and composite materials, construction & fabrication techniques, erection processes, plot planning, equipment layout development, foundation, grounding, and utilities layout
- Familiarity with ASCE, ACI and AISC standards and codes
- Familiar with project management tools for managing construction projects
- Power plant or large-scale utilities experience is a plus

Contact:

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