

Project Engineer

Company Overview

For over 125 years A. Zahner Company has pioneered advances in the architectural metal industry, by developing and applying the science of metal fabrication and cutting-edge engineering technologies. Zahner is known throughout the world for precision craftsmanship in the production of designs by bold architects. Zahner is a rapidly growing company with excellent potential for career development in a variety of engineering fields. High profile projects include SOFI Stadium, Kaufmann Performing Arts Center, Peterson Auto Museum, EMP Museum, and many more (<https://www.azahner.com/works/>)

Project Engineering at Zahner

Project Engineers at Zahner work in a highly collaborative environment, working closely with architects, structural engineers, project managers, fabricators, and installers. Their work involves developing highly detailed parametric models using cutting edge software, and continually innovating in the use of software solutions in the building and manufacturing industry. Project engineers will work through the entire process from design, through fabrication and installation of building components. They understand the voice of customers, find solutions where others find problems and convert these innovative solutions into internationally acclaimed art and architecture. Every workday presents opportunities to take on new and unique challenges. They take pride in seeing their designs through to realization.

Position functions might include:

- Reviewing construction documents and architectural models to understand design intent and system interfaces.
- Creating computer models for design, coordination, and fabrication of building components using Rhino/Grasshopper, and CATIA software.
- Automating software processes to iterate through designs, and efficiently create fabrication ready models.
- Working with the engineering team to coordinate work across projects, and continually innovate in our use of software tools.
- Working with an internal cross functional project team to plan and execute project-based work.
- Working with fabricators to build prototypes and design for manufacturing efficiency.
- Supporting the design process through web based and in person design meetings with clients.
- Communicating plans and supporting work in the onsite fabrication facility.
- Explaining complex designs to people with a non-technical background.
- Using design sensibilities and engineering judgement to contribute to the success of a project.
- Traveling to project sites to provide engineering support for installation.

We are offering a competitive salary, excellent insurance benefits, 401k with match, bonus, and profit sharing.
We are an EOE/AA employer

Requirements:

- Must have a Bachelor's or Master's degree in the Engineering or Architecture fields. Related fields or relevant experience will also be considered.
- 2 to 5 years of experience in a similar engineering environment. Openings for entry level and more advanced positions.
- Experience with parametric modeling software and computer programming languages preferred.
- Previous work in the sheet metal, structural steel, or curtain wall industries is a plus.
- Work experience in construction or manufacturing is a plus.
- Work experience in structural engineering is a plus.

Application Instructions:

- Send your resume to hr@azahner.com
- If applicable, provide a portfolio of past work.