
TAS

Technical Consulting

TAS Technical Consulting in Schaumburg, IL is seeking 1-2 *high school or junior college students* who have familiarity working in AutoCAD for an in-person, full-time Summer internship in CAD Design. Students could expect to draft designs for projects in the energy industry.

The ideal internship candidate would be able to work remotely part-time (8-16 hours per week) during the school year and would have an interest in full-time drafting or engineering work during school breaks and/or following completion of their studies.

Job Responsibilities

- Create technical drawings of pipeline utility, terminal and process piping infrastructure using measurements, specifications and additional data from engineering team and project managers
- Participate in team drawing / design reviews through various stages of a project
- Provide support to engineers as needed by creating technical drawings
- Make use of engineering standards and specifications under advisement of engineering team, to be referenced within a design package
- Analyze prior drawing sets and judge what can be carried over to current projects

Job Skills & Qualifications

Required:

- *Has own transportation to and from office during Summer Internship*
- Drafting experience through high school or college coursework
- Proficient with AutoCAD and willingness to learn new software
 - ie AutoCAD Plant 3D, Navisworks, Cloudworx
- Able to work full-time (40 hours/week) during the Summer internship period, recognizing flexibility may be needed for short-term vacations, sports camps, etc.
- Reliable, dependable, and able to work within deadlines
- Basic technical communication skills
- Basic understanding of high school math concepts
- Able to visualize 2D drawings in 3D
- Strong attention to detail
- Aptitude to develop in role beyond pure drafting into other areas (ie pipe design, 3D scanning and 3D printing, etc.)

Preferred:

- Interest in part-time work (8-16 hours / week, remote or in-person) during the school year
- Interest in full-time work at the completion of one's studies (high school, or college)
- Interested in or is pursuing a degree in engineering