

JOB POSTING - Position open due to growth

POSITION: STRESS ANALYST - ENGINEER II

LOCATION: Minneapolis, MN

DATE: 1 March 2019

Primary Responsibilities:

Perform structural/mechanical analytical evaluations and design tasks for industrial equipment and facilities. Assignments will be varied and can include such items as finite element analysis of solids, technical writing, design and detail definition, evaluation of existing equipment, components and facilities, failure analysis, construction monitoring, or on-site data gathering. This position is expected to be at an entry or a continuing development level, requiring application of standard techniques and procedures. This individual would continue to work under a more experienced engineer's mentorship. While this is an office-based position, some travel may be required.

Minimum Academic & Professional Requirements: Minimum Master of Science Degree in Engineering, with structural, mechanical or solid mechanics emphasis. Fundamentals of Engineering (FE) registration is expected.

Key Skills: Viable candidate will be a flexible and dynamic team player capable of integrating into an international team. Exceptional analytical skills with strong grasp of the concepts of solid mechanics and stress analysis is required. Entry level experience in industrial structural or piping systems would be a plus. Individuals must have excellent written and oral communication skills, along with very good organizational and project documentation habits. Candidate must have proficiency in any one of the industry standard finite element analysis programs such as: SOLIDWORKS SIMULATION, ANSYS, NASTRAN, or similar. Solid modeling experience is a plus. Ability to provide excellent customer service, work well in a collaborative environment and demonstrate effective team building skills is a must. Spanish or German language proficiency is a plus.

Experience: 0 – 2 years' experience in a related engineering field. Applicable experience sectors may include: Power, Manufacturing or Aerospace.

Other: Must have valid US passport or able to obtain a passport, and ability to travel.

Working Conditions: This position will work in an office environment involving computers, phones, and other personnel in close proximity. Willing to work flexible hours if needed for business purposes.

How to Apply:

Forward cover letter and resume to dceric@idom.com

About IDOM:

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- PROFESSIONAL DEVELOPMENT- IDOM invests in developing its professionals including job-related professional training with tuition reimbursement opportunities

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