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architect/engineer/cad

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Design Engineer II (Custom Electro-Mechanical Equipment) (Irwindale, CA)

We are a manufacturer of custom fabricated industrial/residential equipment. Our projects and products are varied and can range in scale from very large to small assemblies with a matching range of complexity. We seek an experienced mechanical designer that is able to take a holistic approach to product design. The ideal applicant is comfortable with an energetic and fast-paced work environment and is able to apply their experience to creating novel and appropriate solutions for the design challenges that are presented. If you're looking for a company that provides satisfying and stimulating work, look no further.

Requirements:

- *4-year B.S. Engineering degree
- *Minimum 4 Years of industry experience
- *High level of proficiency with SolidWorks 3D CAD. (Minimum 3 years of experience)
- *Willingness to travel occasionally (2-3 times annually), as required, to client sites
- *Experience in electrical motor and hydraulic systems
- *Basic to moderate AutoCAD experience
- *Proficient with PC systems and MS Office
- *Valid Driver's license and reliable transportation

A good candidate will:

- *Be organized, timely, and able to manage multiple projects
- *Be self motivated and have a team work spirit
- *Have a strong mechanical background
- *Pay critical attention to detail
- *Have strong written and verbal English communication skills
- *Have the ability to independently take an analytical approach to validate design
- *Work well under tight time constraints to assure timely delivery of projects
- *Be well rounded, willing and able to contribute in other areas of competence

Description of Responsibilities:

- *Call upon experience with various manufacturing techniques in product conceptualization and design
- *Effectively design and document custom products to fulfill requirements
- *Research, source, budget and document selection of components
- *Verify, validate and test designs and outcomes
- *Develop procedures, and utilize tools to improve day-to-day effectiveness
- *Advise and inspect to ensure quality and functionality of final product
- *Prepare and refine documentation

Experience in some or all of the following is a plus:

- *Implementation of sensors, encoders, and other electrical devices in equipment

- *Finite Element Analysis
- *Structural analysis
- *Adobe Photoshop & Illustrator experience
- *Shop experience, CAD/CAM
- *Multilingual, Spanish or Mandarin

Portfolio or examples of work are welcomed alongside your resume.
References will be requested at the time of interview.

Compensation:

- *\$65,000 to \$80,000 depending on experience
- *Medical and Dental Benefits
- *401K plan offering
- *Generous vacation and holidays

Our Location: Irwindale, CA

compensation: *\$65,000 to \$80,000 depending on experience

employment type: full-time

reply by email:

s3cps-
5441342575@job.craigslist.org



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