Job Title: Mechanical Engineering Intern
Department: Engineering
FLSA Status: Non-Exempt
Reports to: Lead Mechanical Engineer
Pay Information: $20
Other Job Info: Anticipated full-time summer position (May – Aug)
Job Location: 4334 West Links Drive, Salt Lake City, UT 84120

Company Description
Quartzdyne designs and manufactures the industry-standard quartz pressure transducer for the downhole oil and gas industry. Quartzdyne also manufactures hybrid electronics for high-reliability or high-temperature applications. Our transducers and hybrid electronics are widely integrated into downhole tools and monitoring systems. Quartzdyne has been in business for over 25+ years and employs ~80 plus individuals; of which 25 are engineers. Quartzdyne leads the industry in high temperature electronics reliability.

Job Description
Quartzdyne is seeking an energetic self-starter to assist full time Mechanical Engineers with product design, analysis, testing, validation, prototype fabrication, product documentation, and other engineering related duties. This is a great opportunity for a student to get excellent industry experience, work on great projects, and impact a company in a positive way. The applicant will be working under the direction of the Lead Mechanical Engineer but also have an opportunity to work with other very talented engineers and scientists.

Knowledge, Skills, and Abilities:
• Must have a solid knowledge of 3D CAD design; SolidWorks preferred
• Should have a solid understanding of heat, pressure, stress and otherwise strengths of materials
• Able to generate technical drawings
• Comfortable with hands on projects (turning wrenches, operating machinery, etc…)
• Must understand basic test and inspection equipment (calipers, depth gages, micrometers, etc…)
• Must be able to work in a team environment
• Must be able to work between 30 and 40 hours per week and travel to Quartzdyne.

Education and Experience:
• Must have completed your junior year in the Mechanical Engineering Program.

Physical Requirements and Working Conditions:
• Normal working conditions absent extreme factors
• Must be able to see well enough to read reports, send emails, etc.
• Must be able to hear and speak well enough to communicate with customers and vendors
• Must be able to lift up to 25lbs periodically
• Please send resume (focused on your accomplishments, not where you have worked) and a brief paragraph describing why you are the best candidate to Tyler at tking@quartzdyne.com

The statements herein are intended to describe the general nature and level of work being performed, but are not to be seen as a complete list of required responsibilities, duties, and skills. Also, this job description does not establish a contract for employment and are subject to change at the discretion of the employer.