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Apogee Instruments creates innovative sensors used worldwide for meteorological, agricultural, and renewable energy applications. If you enjoy working hard on a variety of projects, having great coworkers, and being part of a small growing company where your contributions truly matter, please review the job requirements below for:

MECHANICAL ENGINEER

Qualifications:

- B.S. degree in **Mechanical Engineering** or equivalent.
- Experience drafting and modeling using **SolidWorks** and communicating models via technical drawings for manufacture.
- Familiarity with and ability to tailor part design to various manufacturing processes (machining, sheet metal, injection molding, rotational molding, 3D printing, etc.).
- Understanding of DFMA and how to apply it.
- Creativity and aptitude for problem-solving.
- Strong understanding of fluids, heat transfer, material properties, and other engineering principles.

Job Responsibilities:

- Work with scientists and engineers to design and develop new products for use in plant, soil, atmospheric, and environmental sciences, with a focus on **mechanical design**.
- Use SolidWorks to design new parts by utilizing CAD modeling, technical drawings, and thermal/physical simulation for design verification.
- Research technologies and applications for new product development.
- Design, build, and test 3D printed concepts and prototypes.
- Actively look for ways to improve existing products in quality, performance, assembly, cost, and/or function.
- Summarize work with written reports, tables, graphs, and presentations.
- Design, develop, and support tooling/jigs for in-house manufacturing, calibration, and testing.
- Interface with vendors and suppliers for component sourcing.

This is a **full-time** position with a generous benefits package including health insurance, retirement, paid holidays, compensated leave, flexible hours, maternity/paternity, profit sharing, gym reimbursement, a nice building to work in, a desk to sit at, a water cooler to share, some (above average?) co-workers, and more. Compensation is negotiable and depends on experience.

Interested? We are interested in you too, if:

- You work well with other people **and** productively on your own, without needing supervision.
- You would enjoy seeing your ideas and contributions become a reality.
- You tend to over-examine everything around you, finding ways they could be improved.
- Your default mental state is 'outside the box'.
- You're driven to produce quality work.
- You are a self-starter, motivated to improve, and eager to learn.
- You communicate clearly, effectively, and promptly.
- You have the ability (and discipline) to set and meet deadlines.
- You prefer working for a small company.

If the above points describe you well, you meet the qualifications, and the job description sounds right up your alley, then you should apply! Please send a cover letter, resume, and references to ryan.lindsley@apogeeinstruments.com.