



www.apogeeinstruments.com

Located in scenic Logan, Utah, Apogee Instruments is a developer and manufacturer of innovative electronic sensors used worldwide for meteorological, agricultural, and renewable energy applications. If you enjoy working hard on a variety of scientific projects, having great coworkers, and being part of a company that cares about its employees, please review the job requirements below for:

MECHANICAL ENGINEER

Qualifications:

- B.S. degree in **Mechanical Engineering** or equivalent
- Strong understanding of physics principles including fluids, heat transfer, and material properties
- Familiarity of drafting and modeling using **SolidWorks** and communicating models via technical drawings to machine shops for manufacture
- Experience with data manipulation using spreadsheets and simple computer programming
- Creativity and aptitude for problem-solving
- Enthusiasm in being part of a small, growing company
- Capability of working individually and on a small team

Preferred Qualifications:

- Understanding of DFMA best practices
- Familiarity with and ability to tailor part design to various manufacturing processes (machining, sheet metal, injection molding, rotational molding, etc.)
- Knowledge or experience with data acquisition devices and data analysis
- Background in environmental instrumentation, or interest in plant, soil, and atmospheric sciences
- Strong technical communication skills, both verbal and written

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
- Improve existing products in quality, performance, ease of assembly, and/or function
- Design, develop, and support tooling/jigs for in-house manufacturing, calibration, and testing
- Collect, analyze, and interpret experimental data of 3D printed concepts and prototypes
- Summarize data with written reports, tables, graphs, and presentations
- Interface with vendors and suppliers for component sourcing
- Assist with customer support (research issues, identify problems, develop custom solutions, provide feedback to customers)

This is a full-time position with a generous benefits package including health insurance, retirement, paid holidays, compensated leave, and profit sharing. Compensation is commensurate with experience and has an expected salary range of \$50,000-\$70,000 per year. If you are interested and meet the above qualifications, please send a cover letter, resume, and references to ryan.lindsley@apogeeinstruments.com.