

Electrical and Software Engineering Position

Do you want to work on cutting edge technology? Are you the type of person who keeps up with new software and hardware technology in your spare time? If so, 4D Technology, a worldwide leader in innovative optical metrology products, has a position for you on our engineering team.

4D is currently looking for a self-motivated engineer to lead efforts in automation, image acquisition and data processing across several product lines. This is a chance for you to be part of a diverse team delivering internationally recognized, innovative products, to learn new skills under the guidance of expert engineers, and to feel valued for your passion in delivering innovative, quality hardware and software.

The essential responsibilities of this key position are:

- **Create and maintain LabVIEW and C++ applications for new products and product support**
- **Architect, code and release automation hardware and software for custom applications**
- **Rapid prototyping of hardware interfaces (motion control and image acquisition), data analysis algorithms, and GUI's**
- **Produce production line testing tools.**
- **Perform system level and detailed circuit design of electronic circuits, controls, interfaces.**
- **Generate and validate embedded software/firmware as required.**
- **Simulation verification; system & component analysis.**
- **Produce supporting manufacturing documentation**

Our team needs your enthusiasm and dedication to help us grow. We require a B.S. degree or higher in Engineering, Physics or Computer Science. The following skills and traits are highly desirable:

- **Minimum BS in Electrical/Computer Engineering, Mathematics, or other technical field**
- **Proficiency with LabVIEW**
- **Experience with C and C++ and knowledge of object oriented software design**
- **Knowledge of motion control, digital circuitry and precision analog circuitry**
- **Experience with analytic tools (spectrum analyzers, network analyzers, oscilloscopes, etc.).**
- **Experience in electronics production and documentation management.**
- **Excellent written and oral communication skills required.**
- **US citizenship or permanent residency required**

This is an exciting opportunity to be part of successful and motivated team. If you're looking for a job that encourages creativity and innovation and you derive personal satisfaction from seeing your hard work result in commercial products that are used throughout the world, this is the place for you. Located in Tucson, Arizona, 4D Technology offers competitive a salary and a comprehensive benefits package. Send resumes to:

Director, Human Resources

4D Technology Corporation

3280 E. Hemisphere Loop, Suite 146

Tucson, AZ 85706

FAX: 520-294-5601

or email résumé to: HR @ 4dtechnology.com