

About the Job

R&D Support Engineer

International company seeking skilled individuals for direct hire employment in Knoxville, Tennessee.

Company Profile

For over 35 years Perceptics, LLC has engineered the most accurate, high-performance vehicle identification and license plate recognition technology in the industry. We engineer products that serve the Border Control, Commercial Vehicle, Electronic Toll Collection, Security, and Ports and Cargo Industries. Perceptics has secured thousands of border checkpoints and our products automate over 200 hundred million vehicle inspections annually. Our customers include local, state, national and international governments among others. In addition, Perceptics has a global distribution network that helps to deliver our products more efficiently and in a capacity that best meets the needs of our end users. Perceptics prides itself on developing superior technologies as well as delivering unmatched customer service.

Position Summary

Provide timely and effective technical services to all departments and teams responsible for the deployment of products and services to customers.

Reports to: Research & Development Engineering Manager

Direct Reports: None

Areas of Responsibility

- Support design engineering functions through conceptualizing, prototyping, testing and validating new designs and documenting design information.
- Provide technical support for products and programs, accessing product information and other resources from all engineering departments. Ensure that product technical information is complete, such that program testing and install efforts are supported. Occasional travel is required.
- Design and perform tests to determine compliance with performance specifications for new products or product enhancements.
- Capture and document all test data regarding whether a given design meets the established specifications.
- Serve as a liaison between engineering and manufacturing to help develop and document manufacturing procedures and processes.

- Provide troubleshooting support and feedback as needed regarding the testing of new designs and production units.
- Aid transition of new products and designs into production by providing assembly specs, cable specs, set-up procedures and jigs or test rigs to help conduct tests and set-up functions.
- Ensure engineering has all of the documentation necessary to create thorough installation manuals.
- Assist with all other tasks and projects as directed by management

Minimum Qualifications

- Bachelor's or Associate's Degree in Physics or Engineering or equivalent Military experience
- Minimum 5 years' work experience in a technical position
- Must be a US citizen

Knowledge/Abilities/Skills

- Self-motivated, results oriented, and ability to work well in a team environment with minimal supervision.
- Strong interpersonal and communication skills in order to coordinate and accomplish objectives through other involved company personnel, work team members, technicians, supervisory personnel and contractors.
- Ability to run, modify and debug test scripts using common scripting languages. Experience writing scripts and/or software a plus.
- Must be able to use Microsoft Word and Excel to manipulate data and prepare reports.
- Basic understanding of image processing a plus.

We are an equal opportunity/affirmative action employer. We consider applicants without regard to race, color, religion, creed, gender, national origin, age, disability, genetic information, marital or veteran status, or any other category protected by federal, state or local law.

Please submit your letter of interest and resume to hr@perceptics.com