



Q-Track Corporation
515 Sparkman Drive
Huntsville, AL 35816

High School RF Engineering Internship

Summer 2009

This is an opportunity to get your foot in the door at a small high-tech start-up company developing an innovative wireless tracking, location, and positioning system. Based in Huntsville, Alabama, the Q-Track Corporation is seeking a full-time RF Engineering intern to design and test cutting-edge technology and evaluate our current products and systems. Visit www.q-track.com to learn more about us and our technology. Visit www.nfer.info to view videos of recent demonstrations.

Hours and Compensation: Full Time 40 hours/week; \$8.00-\$12.00/hr; medical plan available; potential for stock options as a bonus for excellent performance.

Responsibilities:

- Assist in the design, test, and assembly of various types of antennas, RF electronics, and wireless systems.
- Use lab test equipment including multimeters, oscilloscopes, function generators, spectrum and network analyzers, Q-meters, signal strength meters to analyze and experiment with electronic systems.
- Assemble (solder) prototypes with through-hole or surface mount components.
- Use software analysis tools like MATLAB to study theoretical models, analyze data and perform system simulations.

The Ideal Candidate:

- Is a self-motivated worker who requires minimal direction.
- Would enjoy and excel working in a fast-paced, exciting technology development environment.
- Is eager to learn how to use shop, hand, and power tools to fabricate simple structures and models.
- Is a creative and imaginative problem-solver. Previous interns have pending patents to their credit due to their contributions and ingenuity.
- Has good oral and written communication skills. A writing sample will be requested.
- Has been or will be on an AP track with coursework in physics and/or electronics, preferably with a 3.5 GPA or better and an interest in antennas or RF electronics. Amateur radio experience is a plus.

Please Send Your Resume to:

Bob DePierre, VP Engineering, or Dr. Hans Schantz, Chief Scientist; info@q-track.com;
(256) 489-0075 (voice); (256) 704-6002 (fax)