



Q-Track Corporation
515 Sparkman Drive
Huntsville, AL 35816

Antenna/Electromagnetics Engineer

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 Antenna / Electromagnetics Engineer 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 or more hours/week; \$30.00-\$50.00/hr; straight time for hours in excess of 40/week; Medical Plan and Employee Stock Option Plan available.

Responsibilities:

- Use software analysis tools like MATLAB to study theoretical models, analyze data and perform system simulations. Use antenna modeling software, particularly PMM and NEC, to analyze antennas and arrays.
- 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.

The Ideal Candidate:

- Has experience using antenna modeling software, particularly PMM and NEC.
- Has experience doing independent research in antennas and electromagnetic, particularly in near-field electromagnetic or LF/MF/HF systems.
- Has good oral and written communication skills. A writing sample will be requested.
- U.S. Citizen or Permanent Resident preferred.
- Is a self-motivated worker who requires minimal direction.
- Would enjoy and excel working in a fast-paced, exciting technology development environment, with multiple parallel responsibilities and projects.
- Is a creative and imaginative problem-solver.
- Has at least a BSEE or equivalent, preferably with a 3.5 GPA or better and an interest in antennas or RF electronics. MS or PhD preferred. Amateur radio experience is a plus.

Please Send Your Resume to:

Dr. Hans Schantz, CTO; info@q-track.com; (256) 489-0075 (voice); (256) 704-6002 (fax)