If you want to work with emerging technology and next generation wireless products, **Echo Ridge** is the place to be! The dynamic culture at **Echo Ridge** offers both great challenges and great rewards. **All positions require the ability to obtain a Secret level clearance.**

DSP (Digital Signal Processing) Engineer-Jr. level

Primary Duties & Responsibilities:

This position offers an opportunity to apply academic, internship, or graduate research experience in digital signal processing and wireless systems to Echo Ridge's exciting new technology products. Candidates should demonstrate a passion for problem solving and have a strong understanding of engineering principles as they apply to modern high-technology wireless and embedded engineering. Position will require close collaboration with other technical staff on small design teams. We are seeking motivated, passionate, and independent thinkers to join our team to define, develop, and evolve a range of innovative signal processing technologies and products.

Education/Training and Qualifications:

- Bachelor's or Master's degree in Electrical Engineering, Computer Engineering, Aerospace Engineering, Physics, Applied Mathematics, Computer Science, or related field
- Some experience with C/C++, MATLAB, GNU Radio, USRP software defined radio, Python, or JAVA within Unix/Linux programming environments
- Digital Signal Processing (DSP) or RF background with strong understanding of wireless systems design and theory as it relates to antennas, wireless propagation, terrestrial and space-based communications, radar, navigation technology
- Must be able to demonstrate strong problem-solving, verbal and written communication, and organizational skills
- Recommendation from academic professors or engineering peers is highly desired

Echo Ridge LLC, (the Company), is an equal opportunity/affirmative action employer. All qualified applicants will be considered without regard to age, race, color, gender, gender identity, genetic information, sexual orientation or preference, religion, creed, national origin, citizenship, marital status, status as a parent, pregnancy, childbirth or related medical condition including lactation, veteran status, physical or mental disability, or any other legally protected basis in accordance with applicable federal, state or local law.