



**4 Lower Ragsdale Drive, Suite 220
Monterey, CA 93940
www.mrsl.com**

Job Duties:

Research, design and implement advanced signal-processing algorithms in software for a variety of RF applications. Work as an individual principal investigator or as part of a small team of engineers. Perform RF signal and data analysis, reverse engineering, simulation and modeling. Implement new algorithms in C/C++ and Python. Support transition of algorithms to real-time, high-performance production computing environments. Communicate effectively, verbally and in writing on complex technical subjects to customers, end-users, and partners at varying levels appropriate to each audience. Translate customer objectives to technical requirements, manage performance and schedule expectations, and communicate project status and technical performance evaluations.

Signal Processing Research Engineer/Scientist - Minimum Qualifications:

Seeking a highly qualified research engineers/scientist to solve challenging technical problems in signal processing critical to national security. The successful applicant will have extensive expertise and experience in one or more of the following fields: signal processing, digital communications, detection and estimation theory, remote sensing, radar signal processing, adaptive antenna array processing or navigation/geolocation. Expertise in the implementation of signal processing or other scientific or numerical algorithm in software is highly desirable.

- MS degree in a related field is required. Ph.D. is desirable.
- Demonstrated programming skills are required with experience in scientific programming. The ideal candidate has experience with implementation of signal processing algorithms in C/C++ and Python. Some experience with Linux and open source tool chains is desirable.
- Experience with software defined radio (SDR), baseband architecture, RF architecture and/or wireless propagation and modeling is desirable.
- Experience with modern communications protocols is desirable, including LTE, WCDMA, GSM, 802.11, or 802.16.
- Knowledge of numerical linear algebra is a plus.
- Good customer communication and presentation skills (written and verbal) are essential.
- TS/SCI clearance required so you must meet eligibility requirements for access to classified information. U.S. Citizenship required.

Benefits:

Employees/owners of MRSL receive competitive wages and benefits.

- Discounted premiums for Medical, Dental and Vision
- Company paid Life & AD&D, Short and Long-Term Disability
- Voluntary coverage for Supplemental Life & AD&D, Cancer, Disability, and Accident Insurance
- Flexible Spending Programs
- Paid Time Off (PTO) plan for vacation, sick and holidays
- 401k Plan
- Employee Stock Ownership Plan
- Discount Programs

Contact:

Please email your resume to Careers@mrsl.com.

Phone: 941-806-1454 **Fax:** 941-371-1999

MRSL is an Equal Opportunity Employer. M/F/D/V are urged to apply.