
Subject: Job: Programmer, Monterey CA (FNMOC)
Posted by [haferman](#) on Tue, 28 Dec 1999 08:00:00 GMT
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If interested in this position, please e-mail a resume to
Bruce Gritton at bgritton@pacbell.net (and cc: haferman@table.jps.net)

GSA SUPPORT FOR THE SATELLITE DATA TEAM AT
FLEET NUMERICAL METEOROLOGY AND OCEANOGRAPHY CENTER (FNMOC)
MONTEREY, CA

Description of Duties:

1. Provide programming support for the DMSP SSMIS Satellite Project.
The programming support includes:
 - a. Install and test software delivered by Aerojet on FNMOC computer systems.
 - b. Examine and validate software output to ensure that it performs correctly as designed.
 - c. Ensure that the software performs efficiently and meets timing requirements.
 - d. Develop additional software as required in order to integrate the SSMIS processing software with existing systems and FNMOC operational procedures.
 - e. Develop necessary scripts and/or interface software to make SSMIS operational as required by OPS.
2. Provide general programming and operational support for other types of satellite data applications as required. Satellite types include but are not limited to Geostationary (e.g. GOES, GMS, METEOSAT, INDSAT), ERS-2, TRMM, QuikScat, and WindSat.
3. Provide general programming support of NPOESS CMIS advisory.

Knowledge and experience required:

- A minimum of a Bachelor's degree in Computer Science or Physical Science discipline (e.g. Physics, Meteorology, Oceanography), preferably with working experience in remote sensing.
- Extensive experience in designing and developing software under the UNIX Operating System, writing scripts, and coding in C and Fortran 90 languages (3+ years).
- Extensive experience in developing and implementing software under network configuration.
- Knowledge and practice of software engineering procedures including software configuration management.
- Experience in designing software interfaces with data management systems in scientific applications.

Restriction:

Since this work will potentially be involved with the selection of

future NPOESS contracts, the contractor chosen for this project must not have a possible conflict of interest with the NPOESS Project.
