



Research Engineer - Programmer

NOAA- Weather Satellites
College Park, MD

I.M. Systems Group, Inc. (IMSG) www.imsg.com, leading a Scientific and Technical Support Team (IMSG Team, consisting of IMSG, Inc. and subcontracting companies) is looking for a qualified **Research Engineer** to support the new generation NOAA- weather satellites contract – SciTech-II in College Park, Maryland. We are working in an applied science and R&D environment monitored or led by U.S. government scientists, managers, and principle investigators, and working along with other U.S. government, research institutes, and private industry staff.

Job Duties Include:

- Provide programming support for the next generation NOAA weather satellites using industry standard software engineering techniques.
- Design, code, test and document interfaces of moderate to high complexity.
- Prepare documentation for and participate in algorithm software development lifecycle reviews.
- Transition research algorithms to operations.
- Act as liaison to the algorithm development team in order to understand algorithm requirements and design issues.

Requirements:

- US citizenship or Green Card required.

Required Skills:

- 3+ years of experience in Fortran 90/95 or C/C++
- Experience with Perl, Python, or shell scripting
- Working knowledge of UNIX/Linux

Desired Skills:

- Experience processing and managing large volumes of data
- Experience with interoperability between Fortran 90/95 and C/C++
- Experience with CM tools such as ClearCase
- Familiarity with scientific data formats such as HDF and netCDF
- Previous integration experience
- A background in satellites and remote sensing
- Previous experience contributing to open-source projects

Education: BS or greater degree with formal course work in Computer Science.

Experience: Three-plus years in software development.

To Apply:

IMSG offers an outstanding benefits package including company paid medical benefits and three weeks paid time off. Salaries offered commensurate with qualifications and experience. Interested applicants: Please submit your resume, the contact information for three (3) references, and a cover letter explaining how your qualifications meet the requirements of the position to: jobs@imsg.com, cc: Dr. Murty Divakarla at divakarl@imsg.com with the subject **NOA1511 SCITECH- Research Engineer**. Please also indicate your timeline of availability and preferred salary level for consideration.

IMSG is an Equal Opportunity Employer and Veteran friendly.