

## **Next Generation Field System Position**

NVI, Inc is seeking scientist(s)/programmer(s) to maintain and support the VLBI Field System, and to work on the development of the next-generation Field System. Most of the work will be on site at NASA Goddard Space Flight Center in Greenbelt, Maryland, USA. The position may require travel to domestic and/or foreign VLBI sites.

The Field System is used around the world at VLBI stations to control antennas and equipment. The Field System consists of generic components common to all sites, and station specific components which depend on the hardware available at the site. The current version of the Field System is written in a combination of (mostly) C and Fortran. The ideal candidate will have familiarity with the equipment at a typical VLBI site, and will have participated in taking VLBI measurements. In addition, they must have experience in: a) Programming in a Linux environment; b) Data acquisition and control software in a near-real-time environment; c) Software with similar capabilities and complexities; d) Knowledge of modern programming languages, tools and techniques. The ability to work independently, but also to take direction, is a must.

Eligibility is currently limited to:

- U.S. Citizens;
- U.S. Lawful Permanent Residents (LPR);
- Foreign Nationals eligible for a H1-B, or E-3 or another visa that would allow you to work in the U. S.;
- Applicants for LPR, asylees, or refugees in the U.S. at the time of application with 1) a valid EAD card and 2) I-485 or I-589 forms in pending status

Relocation to the Washington DC area is a requirement. NVI will provide a relocation allowance.

NVI, Inc is a small company providing scientific consulting established in 1992 with a focus on VLBI. Our staff have been involved in many of the advances of the VLBI technique over the last 40 years. Our clients include NASA, the United States Naval Observatory and JPL, as well as a variety of foreign clients. NVI provides competitive salary and benefits including vacation, sick leave, and medical benefits. If you enjoy working in a small team environment surrounded by smart, hard-working people, this position is for you.

If you are interested in this position, send your resume and a cover letter to Cynthia Thomas: [cynthia.thomas@nviinc.com](mailto:cynthia.thomas@nviinc.com)