

## **Flight Software Engineer**

### **DESCRIPTION**

Implement reliable flight software, which includes design, documentation, programming, configuration control, debugging and testing. Software applications can include real-time hardware control, custom spacecraft interfaces, telemetry data acquisition and handling, interrupt based task scheduling and autonomous operations.

Responsibilities include:

- Development of the software specifications and test parameters, coding and completely testing the software.
- Maintain configuration control throughout the design and test cycle.

Required Skills:

- Experience with the C or C++ programming language in a real time environment.
- Experience with civil software standards and guidelines, applications running on space flight hardware, standard interfaces and onboard microprocessors is highly desirable.
- Familiarity with industry standard controllers and real time operating systems.

### **EXPERIENCE**

Minimum 3-5+ years of experience in real-time software applications.

### **REQUIREMENTS**

M.S. Degree in Electrical Engineer or Computer Science.

U.S. Citizen or permanent residency status required.

We are offer competitive pay, comprehensive benefits and company ownership.

### **REPLY TO:**

Please submit resume by e-mail (preferred), with job title in subject line, to [info@instarsat.com](mailto:info@instarsat.com), or by mail to: Careers, P.O. Box 3041, Durham, N.C. 27715-3041 Attn: Flight Software Engineer