

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, or by mail to: Careers, P.O. Box 3041, Durham, N.C. 27715-3041 Attn: Flight Software Engineer