Our company is looking for a flight software engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for flight software engineer

- Interface with NASA and prime contractor engineering teams
- Designing software modules that implement the functions of the Avionics subsystem that include flight system hardware/software interfaces, boot process, C&DH functions, System Fault Protection, and other subsystem applications (e.g., GNC, Power, Thermal,) in both nominal and off-nominal scenarios
- Tracking earned value and software metrics (SLOC, productivity, defect tracking)
- And driving successful execution of all software development activities
- Lead the technical and programmatic aspects of a project
- Managing budget and schedule
- Providing effective oral and written interaction with customers
- Providing guidance to an engineering team in development of software solutions
- Software design, development and verification of real-time embedded software applications
- New business pursuits

Qualifications for flight software engineer

- For Eng III labor grade, requires minimum 5+ years experience in addition to subject matter technical proficiency and experience on multiple engineering projects
- Bachelors of Science Degree in Computer Science, engineering, math, or

- Prefer minimum of 3.3 GPA
- Experience in C++ for high performance systems
- Developed, debugged and deployed software that has been used in real world applications/projects