

Aerospace Project/Internship Opportunity (CS, EE) – 6 months, Hood River, OR (6 openings)

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Job Title

Software Engineer

Top Skills Details

- BS EE, CS, CE
- 0-1 years of experience, okay if it's from an internship, co-op, capstone, etc.
- C programming: Ability to read, understand, and reason through existing C code, debugging skills (identify, isolate, and explain defects)
- Familiar with testing concepts, either black box testing or unit testing
- Technical writing skills
- ITAR

Ideal candidate is a recent grad who has strong knowledge of C; good GPA and ready to talk about specific contributions to school projects / internships as it relates to C programming.

Software Engineers skew toward unit testing and future development, System Test Engineers skew toward scripting, automation, and black-box validation.

Additional Information

The software engineer will be responsible for designing high reliability embedded software to create products meeting market objectives. This Engineer will be involved with the software design from the initial product conception, formulation of functional and performance requirements, implementation, integration and testing. The engineer will design under the constraints of DO-178C (Guidance for High Reliability Software Design) to help achieve AIMS and FAA certification.

- Will develop (and improve existing) embedded software code to be used on company platforms.
- Will create/maintain software design and verification environments.
- Drafts and maintains Software Requirements Data, Software Design Document and other documents guiding development in order to meet the system requirements of new products.
- Help implement, integrate, and test embedded real-time systems.
- Modify existing software to correct errors, allow it to adapt to new hardware, or to improve its performance.
- Develop C code in accordance with industry standards.
- Develop software testing and validation environment, programming, and documentation
Develop (and improve existing) GUI solutions to support products.
- Analyze software requirements to determine feasibility of design within time and cost constraints.
- Will help determine appropriate software development practices and policies.

Pay Rate Min

40.87/hr

Pay Rate Max

43.27/hr