Raytheon Company is a technology and innovation leader specializing in defense, civil government and cybersecurity solutions. Founded in 1922, Raytheon provides state-of-the-art electronics, mission systems integration, capabilities in C5I (command, control, communications, computing, cyber and intelligence), sensing, effects and mission support services.

Roles and Responsibilities
*Successful candidate must have graduated from an accredited University or College within the last 18 months*

Do new ideas and technology thrill you?
Do people call you an overachiever?
Do you enjoy facing new development challenges and working in dynamic teams?

If your answer to those questions is an enthusiastic "yes!" then you may be the person we’re looking for to join our innovative team as a Software Engineer.

The Software Engineering Center (SEC) provides software engineering, integration and test expertise on missiles, launchers, fire control and other complex systems. Our central focus is real-time software development, integration, test and validation activities for these systems within RMS. We provide engineering design processes, standards and test expertise to Raytheon's current programs, along with new system technology development. We ensure that our customers' requirements are implemented, tested, validated and integrated into deployed systems throughout the world.

Additional Information about RMS and Tucson, AZ

Typical job functions include participation on collaborative, cross-disciplined integrated product
teams, employing agile software development techniques and tools to plan, design, develop, test, and integrate complex software and systems solutions. We are responsible for delivering the embedded code for all RMS products. Our software boots the processor, tests the system, communicates with external entities, and executes the customer’s mission.

NOTE: This position can be a Salary Grade G06 (Software Engineer I) or Salary Grade G07 (Software Engineer II) based on the candidate's qualifications as they relate to the education requirements for the position. **ERIP eligible for G07 position only**

U.S. Citizenship status is required as this position needs an active U.S. Security Clearance as of day one of employment.

**Education and Qualifications**

**Required Skills:**
- Knowledge of modern software languages – C, C++, Java, Unix and UNIX derivatives, MatLab and other analysis tools
- College coursework should include C/C++ or Java
- 1 year of calculus, physics and computer science studies that include assembly level programming
- Data structures and algorithms
- Systems software design and operating systems and architectures
- This position requires the eligibility to obtain a security clearance. Except in rare circumstances, only U.S. citizens are eligible for a security clearance.

**Desired Skills:**
- Experience with scripting languages (Perl, Python, Bash, etc) is a plus
- Holding a current Secret clearance is a plus
- Internships or cooperative work assignments in an applicable embedded software development environment or DoD environment is a plus
- Strong analytical skills
- Math classes beyond Calculus such as Differential Equations, Linear Algebra, and Engineering Mathematics
- Computer Science classes such as Operating Systems and Compiler Design
- Electrical Engineering classes related to embedded systems design
- Must have good interpersonal skills and written and verbal communication skills

**Required Education (Including Major):**
- Bachelor of Science or Master of Science in an Engineering field (Software, Electrical, Computer, Mechanical, Aerospace, Systems) or a related discipline including but not limited to Computer Science, Math and Physics.

**How to Apply**