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
Do you actively seek out problems to solve?
Are you always thinking of newer, better ways of doing things?

If your answers are yes, the Systems Design Center at Raytheon Missile Systems (RMS) wants to
learn more about you! Our headquarters in Tucson, AZ, is searching for several entry level
Systems Engineers to join a growing team. We offer competitive salaries, benefits, profit sharing,
retirement plans, and a comprehensive relocation package!

The Systems Design Center within the System Design & Performance Directorate has systems
design responsibility for programs in the following product lines: Naval and Area Mission
Defense, Air Warfare Systems, Land Combat Systems and Air and Missile Defense Systems. The
Systems Design Center is responsible for the overall technical integrity of the systems being
developed, and is the point organization for coordinating GNC; Modeling, Simulation and
Analysis; and Signal Processing support where required; the organization often takes the lead on
Failure Review Boards, Engineering Review Boards, and other cross discipline engagements. The
center is currently looking for entry level Systems Engineers to provide systems design support
for programs in various stages of the product life cycle.

U.S. Citizenship status is required as this position needs an active U.S. Security Clearance as of
day one of employment.
Key Responsibilities:
● Requirements decomposition and lower tier requirements derivation for the system.
● Requirements development and maturation to include subsystem and component level.
  (through this you learn and communicate how the system is really going to function)
● Develop system architectures that meet the system performance and interface requirements
● Perform trade studies on the best solutions to develop the system (you determine the most efficient design that has the lowest cost)
● Establish verification and validation techniques for requirements at all indentureship of complex systems to include application of simulation, testing, analysis, and demonstration.

Education and Qualifications
Required Education, Skills and Experience:
● Bachelor or Master of Science in Engineering, Computer Science, Math or Physics from an ABET accredited curriculum with a minimum cumulative GPA of 3.0.
● Proven strong analytical skills and problem solving abilities
● Basic Engineering skills and interest in how systems are developed and function
● Must currently have or be able to obtain a DoD issued Secret Security Clearance, with ability to obtain Top Secret. DoD Top Secret clearance desired with current SSBI within last 5 years. US Citizenship Required.

Desired Qualifications:
● MS in Engineering, Computer Science, Math or Physics
● Matlab and/or C++ experience
● Modeling and Simulation experience
● Ability to analyze issues and define solutions
● Strong communication skills including effective written, verbal, and listening skills
● Self starter with the ability to independently pursue information and solve problems
● Ability to multi-task in a fast-paced work environment
● Ability to problem solve and seek out additional resources

How to Apply