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Req ID : 324688BR

Job Code/Title : E1461:Systems Engineer Asc

Job Description :

Candidate will perform a variety of Systems Engineering tasks and assignments that will promote the development of their technical and strategic Engineering, leadership and interpersonal skills in a structured framework within the engineering disciplines, such as Mechanical, Electrical, and Systems. Task include analyzes of customer's initial design specifications and development of product specifications and techniques to satisfy customer requirements; Will be required to work in a cross-functional team environment to develop and recommend the system architecture and interfaces of the product, as well as perform trade studies and evaluations of engineering designs and concepts. Responsible for design, analysis and testing of vehicle configuration, aerodynamic and vehicle performance characterization, guidance, navigation and control systems, target tracking systems, pointing and aiming systems, fire control systems, and trajectory analysis. Responsible for developing and maintaining engineering models and simulations that provide the basis for engineering predictions of vehicle, system and subsystem performance. Responsible for developing Integration and Test processes and will perform integration of System components. Responsible for determining verification methods, development of test documentation, and coordination with Customer program offices and test facilities for test planning and execution. Will develop Systems Integration & Test plans and conducts in-house system and subsystem integration tasks, environmental test tasks, and ground/flight tests of the system to required levels to meet product requirements. Responsible for generating and analyzing performance reports and process control procedures. Candidate must possess good written and oral communications skills to be able to assist in documenting new and existing flight algorithms, and to be able to release documentation in the Data Management System. C++ programming skills are essential. MS degree also a plus, and a good work ethic and enthusiasm are always a plus. Candidate will initially work/be mentored by experienced GNC and M&S personnel.

Basic Qualifications

Requires a Bachelor's degree or higher in Electrical, Mechanical, Aerodynamics, Computer Engineering, Physics, or Mathematics. Entry level. C++ programming skills Ability to obtain a clearance

Desired skills

Must have good communication skills, be able to effectively work in a team environment, capable of solving complex problems, and be able to focus on the complete product and the full life cycle of the product. Familiarity using MATLAB or a related simulation tool is preferred. Coursework or related experience in control theory and/or electro-optics, Requirements Development, Systems Architecture and Design, System Design and Analysis, radar pattern recognition, image processing, Aerodynamics, Guidance, Navigation and Control, Modeling and Simulation, Integration and Testing of hardware and/or software components is desired.

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Job Location(s): Orlando Florida

Security Clearance : Secret

Business Unit : ESS0385 MISSILES AND FIRE CONTROL

Program : LRASM-AA
Job Class : Systems Engineering: Other
Job Category : 4 yr and up College
City : Orlando
State : FL
Virtual : No
Relocation Available : Possible
Work Schedule : FLEX9x80A-Friday off in 2nd week w/flex hrs/day
Req Type : Full-Time
Shift : First

Additional Posting Locations Orlando

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