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# Example of Chief Systems Engineer Job Description

Our growing company is hiring for a chief systems engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for chief systems engineer

* Applying subject matter expertise in mathematics and modeling and simulations technologies
* Developing key relationships with the customer, analysis organizations, and potential external partners
* Determining courses of action and innovative approaches to complex system performance analysis and solutions
* Proactively interacting with suppliers and government customer to facilitate collaboration
* Evaluating and influencing emerging missile defense designs
* Participate in Independent Research & Development (IR&D) strategic planning and execution
* Acting as liaison to GMD Chief Engineer’s organization
* Define Systems Assurance (SA) approach for the Agency for current and future contracts
* Develop (as required), implement and maintain Agency SA Policy, Procedures, Standards and Specifications
* Plan and develop the Agency Safety Certification Program, SA Plans and procedures

## Qualifications for chief systems engineer

* Executing DoD programs with an Active Secret Clearance
* Analytical approach to developing controls algorithms in an automotive environment
* Five years of practical engineering experience in C4ISR electronic systems
* Candidates with Project Management Professional (PMP) and/or equivalent DAU level certifications are preferred
* Active SSBI or TS/SCI security clearance
* Experience developing program plans for the acquisition of ground systems based on satellite and mission requirements (scope definition, cost estimation, schedule analysis )