



Example of Systems Engineer Level Job Description

Powered by www.VelvetJobs.com

Our company is looking to fill the role of systems engineer level. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for systems engineer level

- Design operating/hardware systems
- Identify and direct resolution of complex hardware/software interface issues
- Provide technical direction for the development, engineering, interfacing, integration, and testing of all components of complex hardware/software systems to include requirements elicitation, analysis and functional allocation, conducting systems requirements reviews, developing concepts of operation and interface standards, developing system architectures, and performing technical/non-technical assessment and management end-to-end flow analysis
- Conduct and/or approve end-to-end system trade analyses to optimize system operations over its life-cycle through the proper balance of non-functional system performance areas
- Candidate applies knowledge of system engineering and scientific methods and tools to define and characterize behavior of products, services, and processes
- Integrates technical, cost, value, and safety considerations into the product definition to comply with Department of Defense, regulatory, and company requirements
- Ability to develop and interpret requirements, drawings, data sets, reports, and specifications is required
- At least one (1) to three (3) years' of related experience and/or training
- Performs Astrodynamics analysis including transfer orbit design, propellant budgeting, mission planning, stationkeeping design and analysis and support of orbital trade studies and new business

Qualifications for systems engineer level

- One (1) or more years of professional Engineering experience in the Design and Release of Electro-Mechanical products or Electro-Mechanical Systems Design
- Strong skills in use of computer applications (Excel, etc)
- Bachelor's degree in Engineering with a 3.0 Minimum GPA
- Experience with Avionics Integration
- Pilot's License desired
- Tasks may include defining high-level functional and performance requirements and verification methods, conducting subsequent analyses, and allocating lower-level requirements to physical and functional architectural elements