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# Example of Systems Engineer, Data Job Description

Our growing company is searching for experienced candidates for the position of systems engineer, data. 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 systems engineer, data

* Coordinate with Type Commanders (TYCOM) and other training commands (e.g., Carrier Strike Group Four [CSG-4], Tactical Training Group Atlantic [TTGL], Tactical Training Group Pacific [TTGP], Expeditionary Warfare Training Group Atlantic [EWTGL]), Joint, and Coalition participants as required on matters relating to the Multi-link Architecture in support of Fleet training objectives
* Operate and support C4I systems (Joint Tactical Information Distribution System [JTIDS] Link-16, Gateway Manager and Tactical Data Analysis and Connectivity System [TDACS]) to support Link 16 interfaces
* Develop architectural drawings for FST events that encompass distribution of scenario information, TDLs, Common Operating Picture (COP), and voice and network communications
* Develop test plans and lead test execution in support of FST events
* Coordinate with scenario developers to understand training event requirements and apply these requirements to architectural design and test plans
* Communicate architecture and technical plans with Navy leadership, shipboard personnel, and representatives from other Joint and Coalition training sites
* Provide recommendations regarding training systems, infrastructure enhancements, learning methodology and organizational improvements as they apply to the FST training environment
* Develop post-event technical reports and assist with incorporating lessons learned in overall exercise planning process
* Attend planning conferences and lead technical working groups, as required
* Coordinate integration, engineering, installation, and deployment support for the planning and execution of test events

## Qualifications for systems engineer, data

* Self-motivated and detailed approach to problem solving
* Proactive attitude to customer service
* Ability to manage and track a variety of tasks
* BS, MS or PhD in Computer Science or equivalent industry experience
* Ability to engineer solutions in database high availability solutions including Windows clustering, Oracle RAC, and scale out architectures
* Expertise in computer science and familiarity with semantic web technologies required