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# Example of Systems Engineer, Data Job Description

Our innovative and growing company is looking for a 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

* Follow organizational practices and tools such as agile development, unit testing, source code and configuration management, code reviews, specifications, and documentation
* Make practical development choices given limited requirements information and defined delivery schedules
* Work closely with application development teams through the NERSC NESAP[2] and NESAP for Data program to help optimize their code to run well on Cori[1]
* Serve as a principal collaborator on major projects of strategic importance to NERSC
* Directly interact with cross-functional teams both internal and external customers
* Maintain and increase technical certifications based upon certification requirement changes and business market requirements
* Anticipate IT industry trends and future directions, understand client business objectives, and incorporate this information into proposed architectural solutions to fit future needs and initiatives
* Define, coordinate, and execute avionics integration activities in Texas, including identifying, designing, reviewing, building, and installing wire harnesses, components, and instrumentation
* Develop and maintain National Instruments SCXI/PXI data acquisition systems
* Responsible for formulating and implementing the team’s technical data systems vision, providing hands-on insight into upcoming data technologies, and systems and network architectures

## Qualifications for systems engineer, data

* Understanding of the design and operation of data catalogs
* Ability to participate in a team that is using Agile methodologies and tools
* Proficiency with using Visio to develop engineering diagrams
* Proficiency with using SharePoint
* Experience working on the design, implementation, and operation of data catalogs
* Experience working with IC Cloud Architectures