



# Example of Systems Programmer Job Description

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Our company is searching for experienced candidates for the position of systems programmer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for systems programmer

- Implement interfaces between measurement equipment, process equipment and SPC tools
  - Reviewing all data requests and responses
  - Understanding contents of documents controlling audit compliance
  - Working with department audit focals to perform periodic peer reviews of audit compliant posture
  - Working with IAM departments to assist them with gathering and loading data into CLAS tool (a mainframe re-validation tool)
  - Participate in the development of the infrastructure for storing and managing the vast amounts of genetic data from GWAS and sequencing projects
  - Participate in developing informatics tools for utilizing this genetic resource, linking it with non-genetic, covariate data, and creating data sets for statistical analysis
  - Provide the programming necessary for the daily maintenance of the biorepository tracking system to account for disbursements of biospecimens and quality control measures
  - Identify cancer cases and matched controls for biospecimen studies from consortium and pooling projects and create the list of specimens to be retrieved from storage
  - Produce laboratory ID labels for use by the lab technicians in the processing of samples and maintain the linkage files associated with different laboratory IDs used for security purposes
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- 10 years' experience in mainframe systems programming
- Bachelor's Degree in Information Technology, Computer Science or related field, or at least 5 years of applicable - equivalent work experience
- Understanding of System Development Life Cycle (SDLC)
- Maintain the MEC tracking system for the Los Angeles sub-cohort participants
- Provide data for linkages between the cohort and files of the SEER Cancer Registry in Los Angeles, the statewide California Tumor Registry, the state death file, and the California Office of Statewide Health Planning and Development hospital discharge database
- Examine and process the linked records that are returned from data linkages