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# Example of Software Programmer Job Description

Our company is looking for a software programmer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for software programmer

* Analyzing the functional business applications and design specifications
* Developing block diagrams and logic flowcharts
* Translating detailed design into computer software
* Coding, testing, debugging, maintaining and refining the computer software to produce the required product
* Enhancing software to reduce operating time and improve efficiency including but not limited to DB2/CICS, COBOL, Assembler
* Performs software development, programming, and support for the PPBC
* Develops, maintains, and expands functionality of existing and to be developed biobank database systems
* Works closely with other IT groups throughout MSKCC on development and federation of database systems
* Installs necessary and relevant software
* Builds tools for real-time federation to other databases at MSKCC

## Qualifications for software programmer

* Good understanding of backend development tools
* Knowledgeable and able to manage source control operations, including merging and branching
* Understanding software from systems administration perspective
* Knowledge of computer development software, such as SQL, Java, J2EE
* The successful candidate must be self-directed, well organized and detail oriented
* A high degree of personal integrity, and the ability to pass a background investigation