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# Example of Computer Engineer Job Description

Our company is growing rapidly and is hiring for a computer engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for computer engineer

* Applies and enhances existing computer system validation programs for the validation of new and existing production and laboratory computer systems, including major capital projects and computer systems
* Drafts, reviews, executes and approves protocols and reports related to Computer System Validation (CSV)
* Acts as primary Subject Matter Expert (SME) for Computer System Validation (CSV)
* Assists and manages production and laboratory system contractors as required
* Reviews and approves changes to computerized production and laboratory systems through the change control program to assess impact on validated systems
* Assists in responding to customer / regulatory audit observations and corrective actions as it pertains to computer system validation
* Identifies and implements improvement opportunities for established production and laboratory computer systems
* Collaborates significantly with cross functional groups, including Information Technology (IT), Validation, Quality Control, Manufacturing, Process Development, and Facilities
* Avionics requirement analysis
* Integration and checkout of software with hardware on target testing environments

## Qualifications for computer engineer

* Possess current Secret clearance, with ability to secure a Top Secret clearance
* Requires BS/BA in Engineering, Chemistry, or Life Sciences with 5+ years of related experience within the fields of automation, enterprise systems and biotechnology
* Bachelor’s Degree in a related technical or military discipline, or the equivalent combination of education, professional training, or work/military experience
* 5+ years of technical experience in support of Information Assurance (IA), Automatic Sensor Systems, and Information Security
* Responsible for understanding and analyzing different CV algorithms to select the best in class and implement them
* Keep up with the latest research in CV algorithms - be able to understand and analyze the research papers to identify and recommend the appropriate algorithms