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# Example of Computer Engineer Job Description

Our innovative and growing company is looking to fill the role of computer engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for computer engineer

* Avionics lab testing
* Evaluation of platform hardware based on field events
* Conduct threat-based cyber red teaming and penetration testing against Army and DoD networks
* Analyze Emulator system requirements in support of Test Plan development
* Develop software tools to perform hardware system certification testing
* Integrate vehicle trajectory simulation software with emulator system hardware
* Setup and execute Emulator certification test cases
* Perform data reduction using Matlab analysis tools
* Perform assembled Printed Circuit Board testing and analysis using Oscilloscopes, Logic Analyzer and other test equipment
* Write, update and maintain Standard Operating Procedures

## Qualifications for computer engineer

* Bachelors Degree in Computer Science, Engineering or a related technical discipline desired
* Demonstrated experience with Web 2.0 technologies (jQuery and AJAX), UNIX and/or Windows tools
* Apply Software Engineering skills to ensure good coding skills
* Identify and present papers at conferences, & be able to identify design innovations and patent them
* Ability to learn, retain, and apply complex technical information on multiple topics
* Experienced in most aspects of product lifecycle support and able to develop useful strategies and tactics to meet regulatory requirements