**About the job**

**Secure our Nation, Ignite your Future**Are you interested in detecting internal and external threats? Do you have the ability to protect and defend the most coveted targets in the world to ensure the safety of information systems assets, and protect systems from intentional or inadvertent access or destruction? ManTech International Corporation is seeking individuals who are interested in joining our team and helping protect our national security, while working on innovative projects that offer opportunities for advancement.  
ManTech is currently looking for **Cloud and Software Engineers to join our team** in the **Ft. Meade, MD area**. In this role, you will develop, maintain, and enhance complex and diverse Big-Data cloud systems based upon documented requirements.  
**Responsibilities include, but are not limited to:**Reviews and tests software components for adherence to the design requirements and documents test results. Resolves software problem reports.

* Utilizes software development and software design methodologies appropriate to the development environment.
* Provides specific input to the software components of system design to include hardware/software trade-offs, software reuse, use of Commercial Off the-shelf (COTS)/Government Off the Shelf (GOTS). Experinces
* Experience in programming and contracts of similar scope, type, and complexity.
* Experience with software engineering experience on projects with similar software processes.   
  **Minimum Qualifications:**High school diploma and 5 years of related experience.
* Or Bachelor’s degree in computer science, engineering, mathematics or a related discipline and 4 years of related experience.
* 4 years of experience developing software with high level languages such as Java, C, C++
* Experience in each of the following:
  + Developing software for Windows or UNIX/Linux/RH operating systems Projects and Experiences
  + Software integration and software testing, to include developing and implementing test plans and test scripts.
* Demonstrated experience with the Map Reduce programming model and technologies such as Hadoop, Hive, Pig, etc Projects
* Demonstrated experience with one of the following
  + Hadoop Distributed File System (HDFS)
  + Serialization, such as JSON and/or BSON
  + Developing Restful services
  + Design and development of at least one Object Oriented system. Skills
  + Developing solutions integrating and extending FOSS/COTS products.
  + Technical writing skills and shall have generated technical documents in support of a software development project Projects
  + Source Code Management (e.g. Git, Stash, or Subversion, etc.)
* Demonstrated experience or college level courses in at least 2 of the following:
  + Experience deploying applications in a cloud environment
  + Understanding of Big-Data Cloud Scalability (Amazon, Google, Facebook)
  + Hadoop/Cloud Developer Certification
  + Experience designing and developing automated analytic software, techniques, and algorithms. Experience with taxonomy construction for analytic disciplines, knowledge areas and skills. Experience developing and deploying: data driven analytics; event driven analytics; sets of analytics orchestrated through rules engines
  + Experience with linguistics (grammar, morphology, concepts
  + Experience developing and deploying analytics that discover and exploit social networks
  + Experience documenting ontologies, data models, schemas, formats, data element

**Preferred Qualifications:**8 years of related experience. A Bachelor's degree in computer science, engineering, mathematics or a related discipline may count as 4 years of related experience.

* 6 years of experience developing software with high level languages such as Java, C, C++
* 4 years of experience with distributed scalable Big Data Store (NoSQL), such as HBase, CloubBase/Accumulo, Big Table, etc.
* 3 years of experience in each of the following:
  + Developing software for UNIX/Linux/RH operating systems and in software integration and software testing, to include developing and implementing test plans and test scripts
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**Clearance Requirements:**Able to obtain and maintain TS/SCI w Poly  
**Physical Requirements:**Must be able to remain in a stationary position 50%.

* Constantly operates a computer and other office productivity machinery, such as a calculator, copy machine and computer printer.
* The person in this position frequently communicates with co-workers, management, and customers, which may involve delivering presentations. Experience

For all positions requiring access to technology/software source code that is subject to export control laws, employment with the company is contingent on either verifying U.S.-person status or obtaining any necessary license. The applicant will be required to answer certain questions for export control purposes, and that information will be reviewed by compliance personnel to ensure compliance with federal law. ManTech may choose not to apply for a license for such individuals whose access to export-controlled technology or software source code may require authorization and may decline to proceed with an applicant on that basis alone.  
ManTech International Corporation, as well as its subsidiaries proactively fulfills its role as an equal opportunity employer. We do not discriminate against any employee or applicant for employment because of race, color, sex, religion, age, sexual orientation, gender identity and expression, national origin, marital status, physical or mental disability, status as a Disabled Veteran, Recently Separated Veteran, Active Duty Wartime or Campaign Badge Veteran, Armed Forces Services Medal, or any other characteristic protected by law.  
If you require a reasonable accommodation to apply for a position with ManTech through its online applicant system, please contact ManTech's Corporate EEO Department at (703) 218-6000. ManTech is an affirmative action/equal opportunity employer - minorities, females, disabled and protected veterans are urged to apply. ManTech's utilization of any external recruitment or job placement agency is predicated upon its full compliance with our equal opportunity/affirmative action policies. ManTech does not accept resumes from unsolicited recruiting firms. We pay no fees for unsolicited services.