This position requires an active TS/SCI Security Clearance
Title Software Engineer Level 0
Location: Hanover, MD

Description
The Software Engineer develops, maintains, and enhances complex and diverse software systems (e.g., processing-intensive analytics, novel algorithm development, manipulation of extremely large data sets, real-time systems, and business management information systems) based upon documented requirements. Works individually or as part of a team. 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) in place of new development, and requirements analysis and synthesis from system level to individual software components.

The Level 0 Software Engineer (SWE) shall possess the following capabilities:
- Analyze user requirements to derive software design and performance requirements
- Design and code new software or modifies existing software to add new features
- Debug existing software and corrects defects
- Integrate existing software into new or modified systems or operating environments
- Develop simple data queries for existing or proposed databases or data repositories
- Make recommendations for improving documentation and software development process
- standards
- Qualifications:
- No demonstrated experience is required. Bachelor's degree in Computer Science or related
- discipline from an accredited college or university is required. Four (4) years of software engineering
- experience on projects with similar software processes may be substituted for a bachelor's degree.

Additional contract or position specific required experience for this level (skills, technologies, expertise):
SIGINT Experience Description
- One or more years of JAVA programming experience and development of presentation tiers
- Familiarity with JavaScript and Spring desired Experience with JSP and servlet programming
- Experience with JEE and enterprise web application design and development
- Experience designing and writing REST-ful applications
- Ability to create and deploy applications in an Apache Tomcat web server
- Experience writing Interface Control Documents (ICDs)
- Experience with Microsoft office tools (Word, Excel, Powerpoint)
- Experience programming on Linux platforms
- Experience using one or more of the following revision control applications: git, Subversion (SVN), CVS, ClearCase Experience generating and documenting design a UML-based tool (e.g. Confluence/Gliffy)
- Experience with test-driven development Familiarity with Perl, Oracle, mySQL, and/or PL/SQL.