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| **CAREER FAMILY:** Information Technology | **CAREER SERIES:** Quality Assurance | | **CAREER LEVEL:** Principal | |
| **CLASSIFICATION TITLE:** Software Developer in Test (SDET) | **JOB CLASSIFICATION CODE:** | **FLSA:** | **EEO CODE:** | **CAREER SERVICE STATUS:** |
| **CLASSIFICATION SUMMARY:** The Software Developer in Test (SDET) develops and executes automation test plans and scripts; maintains and adds to existing automation framework; evaluates test scripts for regression; trains engineers and quality assurance (QA) on test automation execution and troubleshooting; develops a thorough understanding of technology solutions and lines of business; and focuses on underlying software/programming code by actively participating throughout the software development lifecycle. | | | | |
| **DUTIES:**   * Design, develop, and maintain automation processes, test systems, and test tools to assess the quality and readiness of application, data, and/or security solutions. * Prepare, maintain, and update test tools in the evaluation of new application, data, security, and/or technology requirements. * Design, create, and execute automated tests. * Execute performance and/or security/penetration testing. * Represent QA in design, functional requirements, and code reviews. * Reproduce, debug, and isolate problems and verify fixes. * Perform other duties as assigned. | | | | |
| **REQUIRED EDUCATION:**  Any combination of education and experience that clearly demonstrates the ability to perform the job duties of the position | | | | |
| **REQUIRED LICENSES/CERTIFICATIONS:**  Some licenses, certifications, and other requirements determined to be necessary to meet the business needs of the employing unit may be required | | | | |
| **CLASSIFICATION HISTORY:**  MM/YYYY - Created | | | | |