**Class Summary**

The Quality Assurance (QA) Engineer debugs software programs by applying systematic tests to ensure products meet requirements and quality standards; executes test plans, procedures, and automated testing scripts; communicates program issues to engineering teams and may work collaboratively to resolve issues.

**Distinguishing Characteristics**

This is the second level in a three-level classification series. This classification is distinguished from the QA Engineer-Senior classification in that the incumbent in the QA Engineer-Senior serves as a technical lead and develops, maintains, and/or enhances software programs through testing, problem reporting, and analysis following the development (coding) software lifecycle phase**.**

**Examples of Duties**

*In addition to the duties for lower-level classifications within the Quality Assurance series, the Quality Assurance Engineer will:*

1. Work with stakeholders to review, triage, categorize, and prioritize bugs.
2. Assist in the design and development of functional, performance, reliability, security/penetration, fuzzy, destructive, and/or emerging QA tests.
3. Assist in verifying application testability; engage in the software development design phase.
4. Assist with developing QA requirement specifications.
5. Deploy program builds to QA and staging environments.
6. Perform requirement analysis to ensure testability and reviewing functional areas of a program.
7. Strengthen testing processes to ensure software development life cycle quality.
8. Log, analyze, and report test results to project stakeholders.
9. Coach less experienced team members.
10. Perform other duties as assigned.

**Knowledge/Skills**

Ability to effectively engage in and sustain relationships with people from diverse cultures and socio-economic backgrounds

Ability to work independently and as a team member

Demonstrated proficiency with business applications, such as Microsoft Office suite

**Education and Experience Requirements**

Any combination of education and experience that clearly demonstrates the ability to perform the job duties of the position

**Licensing, Certification and Other Requirements**

Some licenses, certifications and other requirements determined to be necessary to meet the business needs of the employing unit may be required

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| **FLSA Designation** | Exempt (Computer Professional) |
| **Service Status** | Career Service |
| **EEO Code** | 2 |
| **Levels within same series** | QA Engineer-Entry, QA Engineer, QA Engineer-Senior |
| **Class History** | 01/2024 - Created |