**Class Summary**

The Quality Assurance (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; develops and reviews manual test plans, procedures, and automated testing scripts; and is recognized as a test expert for a specific feature or component.

**Distinguishing Characteristics**

This is the third level in a three-level classification series. This classification is distinguished from the QA Engineer classification in that the incumbent in the QA Engineer is not serving as the technical lead and developing, maintaining, and/or enhancing software programs through testing, problem reporting, and analysis.

**Examples of Duties**

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

1. Design, develop, implement, and execute robust, scalable, and high-quality test suites.
2. Design and implement test and validation strategies in collaboration with stakeholders.
3. Gather and review specifications, development designs, and requirements of an assigned project.
4. Contribute to the QA standards and procedures continuous improvement process; mentor and train lower-level QA Engineers on following testing best practices.
5. Manage the defect tracking system and collaborate with team members to distribute and set priorities.
6. Participate in project in-take and resource allocation.
7. Develop, review, execute, and debug automated test scripts; troubleshoot and debug complex transaction systems.
8. 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 |