



Bioinformatics SDET

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Job Summary

You will be responsible for expanding the automation framework, tools, and automation for verifying and validating bioinformatics pipelines. You'll work closely with the software teams as well as across departments to support integral verification and validation.

Skills & Experience Needed:

- Experience and knowledge of Software Testing Life Cycle.
- Expert in automating BDD/TDD tests.
- Expert understanding and experience of testing methodology in an IVD environment.
- Experience and strong understanding of bioinformatics pipelines and how to verify and validate them.
- Extensive experience in automation.
- Experience building automation framework.
- Experience with tool development.
- Object-oriented design and coding skills.
- Fluent in Python, pytest.
- Fluent with Medical Device SDLC for IVD.
- Understanding of Kubernetes and Docker.

Bonus Skills and Experience:

- Background in bioinformatic is a bonus.
- Knowledge of NGS software tools is a plus.
- Experience in UI testing (Selenium) is a plus.

Your Role Includes:

- Expand the current test automation framework and software tools to support verification and validation of an IVD pipeline.
- Assess risk and build automated tests to ensure quality software.
- Improve automation, increase automation coverage, and enhance performance testing.
- Characterize datasets and work towards an ontology for test suite management.