

# Mikaela Bukow

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## PROFESSIONAL EXPERIENCE

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Sony Interactive Entertainment (PlayStation)  
Software Development Engineer in Test

San Francisco, CA  
September 2022–Present

- Expertise in modifying and maintaining existing automation frameworks using Appium, Python and Pytest while following the Page Object Model for PlayStation5's home and game library applications
- Coordinate with product owners, product managers and developers to gather all requirements of new features to create thorough and robust test plans for both manual and automated tests
- Experience in designing and implementing a web-based automation framework from scratch using Python, Pytest and Playwright as well as creating plugins for third party tools such as qTest and Applitools
- Integrated Jenkins CI/CD pipeline with Git to automatically trigger sanity and smoke builds on pull requests and run nightly regression test suites
- Work very closely with product owners in Agile and attend different ceremonies such as sprint planning, backlog grooming and sprint retrospectives
- Oversee and lead all testing for both major and minor releases which includes functional, longevity, stress, L10N, A11y, app dependency, performance and telemetry testing and reviewed SIT team test plans
- Authored and maintain comprehensive documentation for QE processes, resulting in more effective knowledge transfer and onboarding for new members

Cisco Systems  
Software Engineer in Test

San Jose, CA  
July 2020–August 2022

- Create and maintain automation frameworks as well as utilize scripting languages such as Python to automate feature test scripts for the pre-release software of Cisco's SDA web application
- Test and automate Rest API's, network traffic flows and Cisco Cat9k switching device side triggers for each new feature release
- Work on a scrum methodology using CDETS and Jira for defect tracking as well as collaborate with developers to follow up on and verify defects and issues
- Perform end-to-end and black box testing for each software release
- Follow protocol for defect tracking and reporting, which includes logging bugs in a detailed and reproducible way and provide relevant error logs and screenshots/recordings
- Designed and implemented automation framework to maintain the data integrity and validity of Microsoft Power BI dashboards by using Python and query languages such as DAX and PSQL
- Lead regression testing for maintaining the accuracy of SDA telemetry data stored in both Cassandra and Postgres Databases as well as the data displayed on PowerBi Dashboards

## EDUCATION

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Rensselaer Polytechnic Institute  
Bachelor of Science in Computer Science (concentration: AI and data),  
Honors: cum laude (GPA: 3.6)

Troy,  
NY

## ADDITIONAL SKILLS

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- Proficient with Python, JavaScript, HTML, CSS, Jenkins, VSCode, PyCharm, Kanban, Jira, Version Control (GIT, Github, Bitbucket), Pytest, Playwright, Appium, Postman, Linux, Windows
- Familiar with Docker, C, Java, React, PostgreSQL