

Dave Murphy

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Work Experience

Senior Engineer - QA at Plus One Robotics, Boulder, CO

11/2019 - present

- Built the QA department from scratch. Designed and implemented a formal QA process that is being utilized by three different teams today
- Mentor high school interns so they could quickly contribute to all QA activities (write automated tests, validate new features, verify bug fixes, execute regression tests & write documentation)
- Write automated tests for both the frontend & backend (using Puppeteer & Postman respectively) that has reduced the regression test execute time by 35%
- Create comprehensive test documentation that is detailed and self-explanatory

Senior QA Engineer at Sphero, Boulder, CO

2/2019 – 11/2019

- Developed an automated test framework for the Sphero Edu mobile app on Android using Appium
- Streamlined test case development by implementing Xray, a test management tool that integrates with JIRA and creates detailed visual QA progress reports
- Incorporated best QA practices to ensure consistent reporting
- Conduct weekly QA meeting to provide appropriate test coverage for upcoming releases
- Collaborated across multiple departments to execute successful software releases

Senior QA Analyst at Baker Technologies, Denver, CO

2018 – 2019

- Primarily worked on the backend team automating API endpoint tests in Postman
- Integrated the QA process to the software development lifecycle, prior there was no dedicated QA resource or process
- Continuous Delivery, released every week
- Small startup, fast-paced environment where requirements changed suddenly and frequently

QA Engineer at AppNexus, Boulder, CO

2014 – 2018

- Tested Yieldex Analytics, a web-based inventory management and forecasting platform for digital advertising
- Worked on the front-end team, responsible for assuring users have an excellent UI experience
- On-call duty, responsible for monitoring customer servers and assure application uptime
- Develop, maintain and execute automation tests using Selenium WebDriver (UI testing) & Postman (API testing)
- Team practiced Agile Scrum processes to streamline software development

QA Engineer at Ricoh, Boulder, CO

2011 – 2014

- Developed a test automation initiate from the ground up utilizing Sikuli
- Implemented behavior driven development technique for writing test cases which all team members could easily understand and execute
- Managed the server lab, worked across departments to ensure server uptime
- Analyzed software design documents to understand the new functionality then developed comprehensive test cases to evaluate performance

Education

B.S. in Imaging and Photographic Technology, Rochester Institute of Technology, Rochester, NY 2005

Skills

Software Quality Assurance, Test Automation, Exploratory Testing, Mobile App Testing, API testing, Regression Testing, Smoke Testing, Test Planning, Defect Tracking, Agile Scrum, Ruby, Cucumber, JavaScript, HTML, JSON, SQL, Git, Appium, Selenium WebDriver, Postman, Sikuli, iOS, Android, macOS, Chrome, Linux, Windows, AIX, VMware, JIRA, Charles Proxy, Xray, Adobe Photoshop

Interests

Personal growth, camping, hiking, kayaking, fishing, photography and woodworking