## Nahom Tsegai

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### SKILLS

* Python, Ruby, Java
* HTML, CSS, JavaScript
* MYSQL
* Selenium WebDriver
* Selenide
* Tableau
* Postman
* Web Application Testing
* SQA Testing & Methodologies
* Automated & Manual Testing
* Agile Software Development Life Cycle
* User Acceptance Testing
* Continuous Integration and Continuous Deployment
* Validation, Functional and Unit Testing
* Defect & Bug Discovery
* Self-motivated & self-starter
* Decision Maker
* Thinks Outside the Box
* Willing to Learn
* Strong Communicator
* Jira, Confluence, Slack

### EDUCATION

Virginia Tech |

*BS Electrical Engineering,*

*Minor in Computer Science & Mathematics*

### VOLUNTEER ACTIVITIES

* Shelter Website Manager
* Animal Foster Parent

### PROFESSIONAL EXPERIENCE

### **Experity | Machesney Park, Il| June 2018 - Present**

**QA Automation Engineer II**

* Create user story test cases for feature stories.
* Maintain regression automation suite.
* Report to QA Manager to give quality status of products.
* Use SQL queries to conduct database/backend testing.
* Lead weekly Selenium WebDriver and automation training sessions.
* Created a quality assurance standard of procedure using Confluence.
* Followed user acceptance criteria to validate new functionalities.
* Use Windows Application Driver to run automation tests.
* Office SME for automation framework
* Assisted new hires/contractors with learning tech stack

**MasterControl | Salt Lake City, UT | March 2017 - May 2018**

**Software Quality Engineer**

* Used Selenium WebDriver with Ruby to create automated tests that exceeded quality standards.
* Created automated tests determined by Product Owner’s Functional Requirement Specification.
* Communicated daily with quality assurance staff to define standards of quality.
* Maintained existing tests with weekly disposition runs.
* Determined scope of tests with agile team when discussing new features.
* Heavily involved in continuous integration/deployment of product.
* Wrote SQL queries for testing purposes.
* Selected to participate in stakeholders’ meetings.
* Maintained regression test suite.

**SKM Inc. | Bountiful, UT | July 2015 - March 2017**

**Project Engineer**

* Designed power distribution calculation for commercial and industrial purposes.
* Used AutoCAD Electrical to create designs.
* Lead technical specifications editor.
* Visited sites to meet with clients to discuss needs and requirements.
* Lead Project Engineer for projects ranging across the Western United States.
* Met with power companies to discuss project ideas.
* Collaborated with multiple divisions to coordinate company-wide projects.

### PROJECTS

**Increase Regression Suite’s Automation Test Coverage, Experity | August 2019 – Current**

* About 10% of the regression suite was automation at the start of August 2019.
* Continuously worked on converting manual test cases into automated tests.
* Single-handedly increased coverage to about 20% by December 2019.

**Creation of new Java Test Framework, Experity | October 2019 – November 2019**

* Created test framework for a new micro-service feature.
* Framework tests UI as well as API endpoints.
* Framework used as a template for other micro-service projects.
* Test suite reduced testing time and caught more defects.

**Functional Requirement Specifications, MasterControl | June 2017 – May 2018**

* Worked alongside Product Owner and Project Manager to create requirements for a new feature.
* Created automated functional tests that validated product’s functionality criterion.
* Tests followed specific rules and requirements that validates all aspects of software product.
* Helped create 70% of functional automated test scripts.

Database SWAT, MasterControl | June 2017 – July 2017

* Lead team of four Software Quality Engineers to maintain over 30 client databases.
* Cleaned, restored and upgraded existing client databases used to maintain and create software product.
* Before clean-up, databases returned a 67% passing rate, clean up improved rate to 100%.
* Company could not release update until passing rating was over 95%.

Management of Change Workflow, National Oilwell Varco | December 2014 – April 2015

* Using the Decisions platform, created workflow for NOV enhancing Management of Change SOP globally.
* Partnered with NOV management to produce superior automated workflow product.
* Project was reviewed and approved by corporate.
* Project was successfully distributed throughout 1,200 locations across the globe.