

Shannon M Trudeau

Dedicated to developing automated solutions in a testing and quality driven environment.

Education

2011–2015 **B.S. Software Engineering**, *Rochester Institute of Technology*,
Minor: Applied Statistics | Concentration: American Sign Language
Graduated Summa Cum Laude May 2015.
GPA: 3.95 | Honors Program | Outstanding Undergraduate Scholar Award
Sigma Sigma Sigma - Epsilon Psi Chapter

Skills

Quality Tools HP Application Lifecycle Management (HP Quality Center), HP Unified Functional Testing (HP QuickTest Professional), Selenium Suite, Soap UI

Languages Java, C#, VBScript, Python, Ruby, Bash

CI Jenkins, TeamCity

Statistics R, Minitab, Excel Macros

Other SQL, REST, Agile (Scrum), Rally

Employment

9/14-Present **Quality Assurance Automation Engineer**, *UTC - Lenel Systems International*.

- Automates testing of REST Web Service/API
- Develops, executes and maintains test automation scripts using UFT
- Developing Selenium framework for integration with HP QC using VAPI-XP tests and C#
- Writes test plans and cases
- Defect logging and tracking using HP ALM
- Creates test summary reports, framework documentation, and custom metrics from HP ALM

6/14-8/14 **Firmware Development Co-op**, *Lexmark*.

- User authentication for cloud applications using ADFS and SAML

5/13-1/14 **Quality Assurance Co-op**, *Rochester Software Associates*.

- Wrote automated GUI tests in Java using Selenium
- Performed manual testing according to written test procedures.
- Developed a plug-in for Selenium IDE to leverage existing code base in tests
- Defect logging and tracking using Bugzilla

9/13-5/14 **CREU Grant Programmer**, *Rochester Institute of Technology*.

- Analyzed code inspection logs in the Chromium project as they pertain to software vulnerabilities
- Used Ruby and Rails to take advantage of the Active Record structure

Projects

10/15-Present **Personal Website**, *smt9020.github.io*.

- Web Skills Used:* Javascript, CSS, Gulp, Bootstrap, HTML, Angular

8/14-5/15 **Trillium Health Grant Management**, *Team Lead*, Senior Project, RIT.

- Using Java, Spring, and Hibernate
- Finalist for Greater Rochester Excellence and Achievements in Technology Awards

1/14-5/14 **Android Permissions Gap Analysis**, Independent Study, RIT.

- Working in a group of three to create an APK scraper and database for permission gap data
- 1st Place Regional IEEE Conference Poster Session (Western, NY)