

# Shannon M Trudeau

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📄 [smt9020.github.io](https://smt9020.github.io)

Moving to San Francisco Bay Area in August

*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

## Skills

Quality Tools **Experienced with:** HP Application Lifecycle Management (HP Quality Center), HP Unified Functional Testing (HP QuickTest Professional), Selenium Suite  
**Familiar with:** Soap UI, JMeter

Languages **Experienced with:** Java, C#, VBScript  
**Familiar with:** Python, Ruby, Bash

Statistics R, Minitab, Excel Macros

Methodologies Scrum, Kanban, Waterfall, RUP

Other SQL, REST, SOAP, Rally

## Employment

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

- Automated testing of Access and Video Security Solutions
- Uses UFT and SoapUI to automate Web Service/API testing
- Developed Selenium framework for integration with HP QC
- Write Test Plans, Cases & Processes
- Working towards automated Regression & Negative Testing for multiple products
- Developed an API using C# and the NancyFX library for Lenel Hackathon (3rd place)

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

- User authentication for cloud applications using ADFS and SAML
- Lexmark Symposium Finalist

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

- Wrote automated GUI tests in Java using Selenium
- Developed a plug-in for Selenium IDE to leverage existing code base in tests

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](https://smt9020.github.io).

- An experiment in responsive web design; a constant work in progress
- Web Skills Used:* Javascript, CSS, Gulp, Bootstrap, HTML, Angular

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

- Managed a team of four in the creation of a Grant Document Management System
- 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)
- 3/12-5/13 **Research Programmer**, *Research START Grant, RIT.*
- Used agent-based modeling (NetLogo) to research NOLA evacuation procedures for family units.
  - "Escaping Disaster Together: An Agent Based Model of Evacuation for Family Units."

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## Organizations

- 8/11-5/15 **Society of Software Engineers**, *Rochester Institute of Technology.*  
Student-run society to promote further learning and creativity through software engineering
- 9/12-5/15 **Sigma Sigma Sigma - Epsilon Psi Chapter**, *Rochester Institute of Technology.*  
Webmaster of the chapter website (9/12-5/15), Education Director (1/14-12/14), Received the Tri Sigma Foundation Scholarship