

Shannon M Trudeau

Objective: Dedicated to development in a testing space; Believes in the importance of quality over time constraints

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 | Deans List | Honors Student

Skills

Languages *Experienced with:* Java, Python, Ruby, HTML, VBScript
Familiar with: R, Bash, Rails, PHP, Javascript, CSS, Angular, C#

Tools *Experienced with:* Eclipse, Git, Selenium, QTP/UFT, HPQC/ALM, Rally
Familiar with: CVS/SVN, PostgreSQL, SQL Server Management Studio, Jenkins, Minitab, Jasmine, TeamCity

Things TBD Swagger, Soap UI, JMeter, Gulp, Excel Macros, Bootstrap

Employment

9/14-Present **Quality Assurance Automation Engineer**, *UTC - Lenel Systems International*, Scrum and Kanban.
Access and Video Security Solutions - Quality Assurance Automation, Web Service/API testing, GUI testing, test case design, part of an Agile Team

6/14-8/14 **Firmware Development Co-op**, *Lexmark*, Scrum.
User authentication for cloud applications using ADFS and SAML; Symposium Finalist

5/13-1/14 **Quality Assurance Co-op**, *Rochester Software Associates*, Waterfall.
Wrote automated tests and developed a plug-in for Selenium IDE

9/13-5/14 **CREU Grant Programmer**, *Rochester Institute of Technology*, Analyzing code inspection logs in the Chromium project as they pertain to software vulnerabilities.
"An Empirical Investigation of Socio-Technical Code Review Metrics and Security Vulnerabilities" in the Workshop on Social Software Engineering at the International Conference on Foundations in Software Engineering, Hong Kong, CN

Projects

10/15-Present **Personal Website**.
Fun website built to try things out. HTML, Javascript, CSS, Bootstrap, Gulp

Fall 14-Spring 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, Hibernate, and RUP methodology. Second Runner-up in RIT Senior Poster Contest.

Spring 2014 **Android Permissions Gap Analysis**, Independent Study, RIT.
Working in a group of three to create an APK scraper and database for permission gap data

3/12-5/13 **Research Programmer**, *Research START Grant, R.I.T., Rochester NY*.
Used agent-based modeling (NetLogo) techniques to research NOLA evacuation procedures for family units. "Escaping Disaster Together: An Agent Based Model of Evacuation for Family Units."

Spring 2013 **Web Engineering Social Site**.
Worked in a group of five to create a simple website using MySQL, JavaScript, CSS, JQuery, HTML, etc

Activities

- 8/11-5/15 **Society of Software Engineers**, *Rochester Institute of Technology*.
Student-run society to promote further learning and creativity through software engineering
- 12/11-5/15 **National Society of Collegiate Scholars**, *R.I.T Chapter*.
Honors organization that recognizes and elevates high achievers
- 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)

Recognition

- 2015 Trillium Health Grant Management Senior Project was a finalist in the Greater Rochester Excellence and Achievements in Technology Awards
- 2014 Personal Success Skills Leadership Certificate from RIT
- 4/14 "Android Permissions Gap" - 1st Place Regional IEE Conference Poster Session (Western, NY)
- 2014 Outstanding Undergraduate Scholar Award
- 2014 Tri Sigma Foundation Scholarship
- 2014 Nathaniel Rochester Society Scholar
- 2014 Alfred L. and Ruby C. Davis Leadership Award
- 2012 - 2014 GCCIS Alumni Association Scholarship
- 2013 RIT Women's Council of RIT Endowed Scholarship