Daniel Joseph Gempesaw

gempesaw@gmail.com

Experience

Sharecare, Inc.

Software Testing Architect	Aug '13 - Present
QA Architect	Aug '12 - Aug '13
Build Manager	Oct '11 - Aug '12
QA Engineer I	Aug '11 - Oct '11

Honeydew: Browser automation framework. Perl, PHP, AngularJS, Saucelabs: Appium & Webdriver

- Developed an in-house Cucumber analog into a cross-browser automation suite, including iOS/Android support via Appium
- Created monitoring system to alert when critical production functionality tests failed
- Authored front end in AngularJS: autosuggests, debounced searches, websockets for realtime interaction, per-user default settings, and general widespread usability improvements

Kabocha: ReST API Testing framework. Perl, PHP/jQuery, MongoDB

- Created a custom framework to perform automated tests on our internal REST APIs
- Created a UI where other QA engineers can execute project tests

Squash: Site crawler. Perl, MySQL

- Scanned multiple production websites (over 1.5 million pages each night), produced daily email reports
- Stored all data in DB for trend analysis: comparing builds, or the performance of a single page, etc.

Manual QA Testing: JIRA, Confluence

- Performed manual cross-browser testing on a daily basis
- Tested stories and documented bugs in JIRA with extensive screenshot and video evidence
- Composed regression documentation from bugs and product requirements

Skills

Open Source Projects: Maintainer for Selenium::Remote::Driver (CPAN) and ido-vertical-mode.el (MELPA). Author of: Browsermob::Proxy (CPAN), grunt.el (MELPA).
Programming Languages: Perl, elisp, PHP, Javascript, bash. Previously, LaTeX, Scala, and Python
Software, etc: Emacs; git; Selenium Webdriver; Agile & Scrum; MongoDB, RIAK, MySQL
Languages: Limited comprehension in Spanish, Mandarin, and Tagalog
Hobbies: Ultimate Frisbee, Bass guitar, Computer games

Education

Georgia Institute of Technology 2008 - 2011

- M. S. in Mechanical Engineering
- Thesis: "A multi-resolution discontinuous Galerkin method for rapid simulation of thermal systems"
- Presented "A Review of Wavelet-Based Algorithms for Applications in Reduced Order Modeling of Thermal Management Systems" at NATO RTO-MP-AVT-178 conference in Bucharest, Romania.

University of Delaware 2004 - 2008

- Honors Bachelor of Mechanical Engineering, Magna Cum Laude
- Honors Bachelor of Science in Mathematics, Magna Cum Laude
- Minor in Phyiscs