

Daniel Joseph Gempesaw

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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 - Oct '11

Honeydew: Perl, PHP/jQuery/DHTMLX, Saucelabs, Webdriver

- Developed an in-house Cucumber analog into a full fledged cross-browser automation suite
- Rewrote the backend to update the project from Selenium RC to Webdriver
- Added monitoring system to alert when critical production functionality tests failed
- Enhanced front end with autosuggests, instant feature file searching, per-user default settings, and general widespread usability improvements

Kabocha: 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: Perl, MySQL

- Wrote a site crawler that checks response headers and all embedded resources on each page
- 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

- Routinely performed manual browser testing in all major browsers
- Tested stories and documented bugs in JIRA with extensive screenshot and video evidence
- Composed regression documentation from bugs and product requirements

Skills

Programming Languages: Perl, elisp, PHP, Javascript (jQuery), bash, L^AT_EX, Scala, Python

Software, etc: Emacs; git, svn; JIRA, Confluence; Webdriver, Selenium RC; AJAX, REST; SauceLabs, github; Agile, Scrum; MongoDB, RIAK, MySQL

Personal Projects: fetchmacs, dotemacs

Languages: Limited comprehension in Spanish, Mandarin, and Tagalog

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 Physics
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