Daniel Joseph Gempesaw

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Experience

Sharecare, Inc.

QA Architect	Aug 2012 - Present
Build Manager	Oct 2011 - Aug 2012
QA Engineer I	Aug 2011 - Oct 2011

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

- Developed an in-house Cucumber analog, building 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

Squash: Perl, MySQL

- Wrote a site crawler checks headers on URLs and all resources embedded from a sitemap
- Scanned three production websites, over 1.5 million pages, each night, producing daily email reports

REST API: Perl, PHP/jQuery, MongoDB

- Built a test suite with SPORE to test our internal REST APIs
- Created a UI where other QA engineers can execute project tests

Manual QA Testing: JIRA

- Routinely performed manual browser tests in all major browsers,
- Tested stories and documented bugs in JIRA with extensive screenshot and video evidence

Skills

Programming Languages: Perl, elisp, PHP, Javascript (jQuery), LaTeX, bash, HTML5+CSS3
Software, etc: emacs, git (magit); JIRA, Confluence; Webdriver, Selenium RC; AJAX, REST; Sauce Labs, github; CPAN; 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 Phyiscs