

Daniel Joseph Gempesaw

360 Pharr Rd NE Apt. 606
Atlanta, GA 30305

gempesaw@gmail.com
(302) 754-1231

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, Selenium Webdriver)

- Grew this simple in-house Cucumber analog into a full fledged cross-browser automation suite
- Rewrote the backend to update the project from Selenium RC to Selenium Webdriver
- Added a customizable 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 within each page of an input sitemap.xml
- Scanned three production websites, over 1.5 million pages, each night, producing daily email reports of errors

REST API (Perl, PHP/jQuery, MongoDB)

- Built a test suite with SPORE to test REST APIs created by our developers
- Created an UI where anyone could run the tests for their project

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

Georgia Institute of Technology

Graduate Research Assistant	2008 - 2011
------------------------------------	-------------

- Co-authored & refereed a conference paper: “A Review of Wavelet-Based Algorithms for Applications in Reduced Order Modeling of Thermal Management Systems.”
- Presented at the NATO RTO-AVT-178 Specialists’ Meeting on System Level Thermal Management for Enhanced Platform Efficiency: Bucharest, Romania.

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”

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

Skills

Programming Languages: Perl, elisp, PHP, Javascript (jQuery), \LaTeX , bash, HTML5+CSS3, MySQL

Software, etc: emacs, git (magit), JIRA, Selenium Webdriver, Selenium RC, AJAX, RESTful APIs, Sauce Labs, github, CPAN, Agile, Scrum, MongoDB, RIAK

Personal Projects: fetchmacs, dotemacs

Languages: Limited comprehension in Spanish, Mandarin, and Tagalog
