

# Daniel Joseph Gempesaw

16 Edwards St, Apt 1  
New Haven, CT 06511

gempesaw@gmail.com  
(302) 754-1231

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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 '11 - Oct '11

### Honeydew: Perl, PHP/jQuery/AngularJS, 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, 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

**Programming Languages:** Perl, elisp, PHP, Javascript, bash, L<sup>A</sup>T<sub>E</sub>X, Scala, Python

**Software, etc:** Emacs; git, svn; JIRA, Confluence; Webdriver, Selenium RC; AJAX, REST; SauceLabs, github; 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 Physics
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