

Daniel Joseph Gempesaw

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Experience

- **QA Architect** Sharecare, Inc. (Aug 2012 - Present)
 - Created test framework for in-house REST API testing (Perl, PHP)
 - Created a customizable website-functionality monitoring suite (Perl, PHP)
 - Internal browser automation evangelist
- **Build Manager** Sharecare, Inc. (Oct 2011 - Aug 2012)
 - Created a custom site crawler with daily email reports on resources for three websites (Perl)
 - Rewrote browser automation suite to use Webdriver 2.0 using Selenium::Remote::Driver, including minor contributions to Selenium::Remote::Driver (Perl)
 - Responsible for cross project interactions
 - Documentation: IE vm, regression documentation, critical path docs
- **QA Engineer I** Sharecare, Inc. (Aug 2011 - Oct 2011)
 - Development of in-house browser automation tool using Selenium RC 1.0
 - Manual QA Testing of multiple websites across supported browsers/OS
- **Graduate Research Assistant** Georgia Institute of Technology (Sep 2008 - May 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.
 - Conducted research on advanced strategies for data center cooling simulations

Education

- **Georgia Institute of Technology** Atlanta, GA (2008 - 2011)
 - M. S. in Mechanical Engineering
 - Thesis: “A multi-resolution discontinuous Galerkin method for rapid simulation of thermal systems”
- **University of Delaware** Newark, DE (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, bash, L^AT_EX, Javascript (jQuery), HTML5+CSS3, MySQL

Software: emacs, git (magit), JIRA, Selenium Webdriver, Sauce Labs, agile development & scrum, github

Typing Speed: 120 WPM

Languages: Spanish, Mandarin, and Tagalog (limited comprehension)
