

Daniel Joseph Gempesaw

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Experience

- QA Architect at Sharecare, Inc. Aug 2012 - Present
 - Created test framework for in-house REST API testing (Perl)
 - Created a customizable website-functionality monitoring suite (Perl, PHP)
- Build Manager at Sharecare, Inc. Oct 2011 - Aug 2012
 - Wrote a custom site crawler with daily email reports on resources (Perl)
 - * Crawled 1.5 million pages nightly, checking all referenced resources
 - * Aggregated email reports of status codes for urls, images, files
 - * Data is persisted in a MySQL DB and additional reporting available - status codes of a page over time, average load time for a resource
 - Rewrite browser automation suite to use Selenium Webdriver 2.0 using Selenium::Remote::Driver
 - * Complete overhaul of the tool, refactored most methods and read all of them
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 - Responsible for interactions between related projects across new builds
- QA Engineer I at Sharecare, Inc. Aug 2011 - Oct 2011
 - Development of in-house browser automation tool using Selenium RC 1.0
 - Manual QA Testing of multiple websites/browsers
- Gempesaw, Daniel and Yogendra Joshi. “A Review of Wavelet-Based Algorithms for Applications in Reduced Order Modeling of Thermal Management Systems.” Oct 2010
 - Refereed Conference Paper presented at NATO RTO-AVT-178 Specialists’ Meeting on System Level Thermal Management for Enhanced Platform Efficiency: Bucharest, Romania.

Skills

- I write, read, and/or use the following frequently: Perl, PHP, elisp, bash, Emacs.
- On a less frequent basis, I write and read: L^AT_EX, JavaScript, AJAX, HTML5, CSS, MySQL queries.
- Read only languages and those in which I haven’t recently authored: C, C++, Java/JSP/JSTL, Matlab, Maple, Microsoft Office Suite.
- Typing Speed: 120 WPM
- Limited comprehension of Spanish and Mandarin
- Hobbies: Ultimate Frisbee, Bass guitar

Education

- Georgia Institute of Technology, Atlanta, GA (2008 - 2011)
 - M. S. in Mechanical Engineering “Advanced Simulation Strategies for Data Center Cooling”
 - University of Delaware, Newark, DE (2004 - 2008)
 - Honors Bachelor of Mechanical Engineering, B. S. in Mathematics, Minor in Physics
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