

# Thomas R. Hallock

SEEKING:	Opportunities to develop excellent web-based applications that will make the world more efficient and friendly.		
SKILLS	<b>Languages:</b> JavaScript, PHP, SQL, Groovy, Java, Python, C++, Haskell, and Bash / Zsh.		
	<b>APIs &amp; frameworks:</b> Grails, Express, Backbone, Underscore, ExtJs, Knockout.js, WebDriver, and MathJax. jQuery and jQuery UI, Meteor, node.js, Facebook, and CodeIgniter.		
	<b>Configurations and tools:</b> git, Gulp, Grunt, Webpack, Jasmine, Karma, Mocha, LAMP (Linux, Apache, MySQL, and PHP), HAProxy, CouchDB, Subversion, TRAC, JIRA, Kayako SupportSuite, Wordpress, and Drupal.		
	<b>Techniques:</b> MVVM, MVC, OOP, SEO, AJAX, source control, podcasting, and C++ template metaprogramming.		
EDUCATION	<b>B.S. Computer Science</b> <i>University of Texas at Austin</i> Relevant courses: Compilers, Operating Systems, OOP, Abstract Data Types, Digital Logic Design, Computer Architecture, Automata Theory, Neural Networks, Artificial Intelligence, Computer Graphics.	<b>May 2003</b>	
EXPERIENCE	<b>Sr. Front End Developer</b> <i>1stdibs.com</i> <ul style="list-style-type: none"><li>Created and launched MessageCenter, a web email system for communication and commerce between customers and dealers on 1stdibs.com.</li><li>Introduced development team to best practices for source control with git: rebase for clean history, bisect for troubleshooting and diff3 for conflict resolution.</li><li>Encouraged test-oriented development by giving a presentation on how to write BDD tests within the existing codebase and exposed current test coverage through front-end coverage reports.</li><li>Organized front-end codebase into self-contained view components.</li></ul>	<b>February 2014 - present</b>	
	<b>Sr. Front End Developer</b> <i>LearningPod, Inc. (The Washington Post Company)</i> <ul style="list-style-type: none"><li>Architected a set of front-end modules to create a rich user experience for educators, students, and developers.</li><li>Built a rich text editor for authoring math content for a new learning management system. Used <code>contenteditable</code> and MathJax on top of a Groovy + Grails stack.</li><li>Created a suite of automated front-end tests using WebDriver and the Grails functional test harness.</li></ul>	<b>2012 - 2013</b>	
	<b>Sr. Web Application Developer</b> <i>Roubini Global Economics</i> <ul style="list-style-type: none"><li>Wrote a forum system from scratch that remains in use at the company.</li><li>Designed multiple internal web-based single-page business applications using ExtJS</li><li>Developed interactive widgets using JavaScript.</li><li>Launched and maintained <i>Economonitor.com</i> using WordPress Multisite and a set of custom plug-ins.</li><li>Release manager for production code pushes. Used Trac, Subversion, and a bit of scripting.</li></ul>	<b>2010 - 2012</b>	
	<b>Founder and president - eBay consignment drop-off store</b> <i>The Sellery</i> <ul style="list-style-type: none"><li>Developed a web application in PHP to manage eBay sales, inventory, CRM, and invoicing for 400+ consignors.</li><li>Bootstrapped business from single person into a coordinated group of skilled and motivated workers.</li></ul>	<b>2004 - 2011</b>	
	<b>Systems designer and programmer</b> <i>Black Enterprise - Interactive Department</i> <ul style="list-style-type: none"><li>Migrated physical infrastructure to cloud hosting to realize significant cost-savings.</li><li>Administered and developed plug-ins for a WordPress Multisite instance with over 300,000 registered users.</li></ul>	<b>2009 - 2010</b>	
	<b>Freelance PHP consultant and project manager</b>	<b>2009 - 2010</b>	
	<b>Domain Name Support Manager and Technology Liaison at <i>Trilogy Software</i></b>	<b>2007 - 2009</b>	
	<b>Systems Administrator at <i>Medicus Insurance Company</i></b>	<b>2007 - 2008</b>	
	<b>Technical support and QA at <i>Aspyr Media</i></b>	<b>2001 - 2003</b>	
	<b>Programmer at <i>UT Austin Physics Department - C / LaTeX homework and test system</i></b>	<b>2000 - 2001</b>	
CHARITY & VOLUNTEER ACTIVITIES	<b>TEALS: Volunteer Teacher for AP Computer science</b> <i>Taught AP computer science in Java at a New York City public high school.</i>	<b>June 2014 - present</b>	
	<b>University of Texas Cycling Sports Club</b> <i>Webmaster, Nationals Team Leader, and Track Team President</i>	<b>2001 - 2003</b>	
	<b>Cycling and Charity events</b> <i>Semi-professional Category 1 Road Bicycle Racer</i> <i>GTE Big Ride Across America; Seattle, WA to Washington, D.C.</i> <i>Annual MS-150 Bicycle Ride from Houston, TX to Austin, TX</i>	<b>2003 - 2006</b> <b>1998</b> <b>1996 - 2002</b>	