

MOTIVATION	I am proud to be part of a thriving community of web engineers building a better future through skillful use of front-end technology.		
RECENTLY	<p><b>I contribute code to open source projects, including:</b></p> <ul style="list-style-type: none"> <li>NPM</li> <li>Aloha Editor</li> <li>backbone-collection</li> </ul> <p><b>I have published over 20 open source projects, including:</b></p> <ul style="list-style-type: none"> <li>npm-build-cache: a shared cache that gives a tremendous speed boost for rebuilds and dev teams.</li> <li>mimic-webpack: apply your Webpack config to node's runtime</li> <li>b3nd: knockout-style bindings for Backbone views</li> <li>template-view: quick and easy templates for your Backbone views</li> </ul>	<p><b>I've used these languages:</b> JavaScript, Bash, Groovy, Haskell, SQL, Python, C++, Java, Zsh, and PHP.</p> <p><b>I've used these APIs and frameworks:</b> Grails, Express, React, Backbone, Underscore, ExtJS, Knockout.js, MathJax, node.js, and CodeIgniter.</p> <p><b>My Preferred languages, tools, and frameworks:</b></p> <ul style="list-style-type: none"> <li>Source control: git</li> <li>Dependency management: npm</li> <li>Bundling: Webpack</li> <li>Testing: Mocha</li> <li>Client-side: React + Redux + Relay + GraphQL</li> <li>Shell: Zsh</li> </ul>	<p><b>Occasionally:</b></p> <ul style="list-style-type: none"> <li>I keep a blog</li> <li>I host a podcast</li> <li>I write research papers</li> <li>I roller skate in fashion clothing commercials</li> </ul>
EDUCATION	<p><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.</p>		
EXPERIENCE	<p><b>Sr. Front End Developer</b> <span style="float: right;"><b>2014 - present</b></span> <i>1stdibs.com</i></p> <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> <p><b>Sr. Front End Developer</b> <span style="float: right;"><b>2012 - 2013</b></span> <i>LearningPod, Inc. (The Washington Post Company)</i></p> <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> <p><b>Sr. Web Application Developer</b> <span style="float: right;"><b>2010 - 2012</b></span> <i>Roubini Global Economics</i></p> <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> <p><b>Founder and president - eBay consignment drop-off store</b> <span style="float: right;"><b>2004 - 2011</b></span> <i>The Sellery</i></p> <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> <p><b>Systems designer and programmer at Black Enterprise - Interactive Department</b> <span style="float: right;"><b>2009 - 2010</b></span></p> <p><b>Freelance PHP consultant and project manager</b> <span style="float: right;"><b>2009 - 2010</b></span></p> <p><b>Domain Name Support Manager and Technology Liaison at Trilogy Software</b> <span style="float: right;"><b>2007 - 2009</b></span></p> <p><b>Systems Administrator at Medicus Insurance Company</b> <span style="float: right;"><b>2007 - 2008</b></span></p> <p><b>Technical support and QA at Aspyr Media</b> <span style="float: right;"><b>2001 - 2003</b></span></p> <p><b>Programmer at UT Austin Physics Department - C / LaTeX homework and test system</b> <span style="float: right;"><b>2000 - 2001</b></span></p>		
CHARITY & VOLUNTEER ACTIVITIES	<p><b>TEALS: Volunteer Teacher for AP Computer science</b> <span style="float: right;"><b>2014 - 2015 school year</b></span> <i>Taught AP computer science in Java at a New York City public high school.</i></p> <p><b>University of Texas Cycling Sports Club</b> <span style="float: right;"><b>2001 - 2003</b></span> <i>Webmaster, Nationals Team Leader, and Track Team President</i></p> <p><b>Cycling and Charity events</b></p> <ul style="list-style-type: none"> <li><i>Semi-professional Category 1 Road Bicycle Racer</i> <span style="float: right;"><b>2003 - 2006</b></span></li> <li><i>GTE Big Ride Across America; Seattle, WA to Washington, D.C.</i> <span style="float: right;"><b>1998</b></span></li> <li><i>Annual MS-150 Bicycle Ride from Houston, TX to Austin, TX</i> <span style="float: right;"><b>1996 - 2002</b></span></li> </ul>		