

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>I contribute code to open source projects, including:</p> <ul style="list-style-type: none"> • NPM • Aloha Editor • backbone-collection <p>I have published over 20 open source projects, including:</p> <ul style="list-style-type: none"> • npm-build-cache: a shared cache that gives a tremendous speed boost for rebuilds and dev teams. • mimic-webpack: apply your Webpack config to node's runtime • b3nd: knockout-style bindings for Backbone views • template-view: quick and easy templates for your Backbone views 	<p>I've used these languages: JavaScript, Bash, Groovy, Haskell, SQL, Python, C++, Java, Zsh, and PHP.</p> <p>I've used these APIs and frameworks: Grails, Express, React, Backbone, Underscore, ExtJS, Knockout.js, MathJax, node.js, and CodeIgniter.</p> <p>My Preferred languages, tools, and frameworks:</p> <ul style="list-style-type: none"> • Source control: git • Dependency management: npm • Bundling: Webpack • Testing: Mocha • Client-side: React + Redux + Relay + GraphQL • Shell: Zsh 	<p>Occasionally:</p> <ul style="list-style-type: none"> • I keep a blog • I host a podcast • I write research papers • I roller skate in fashion clothing commercials
EDUCATION	<p>B.S. Computer Science <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>Sr. Front End Developer 2014 - present <i>1stdibs.com</i></p> <ul style="list-style-type: none"> • Created and launched MessageCenter, a web email system for communication and commerce between customers and dealers on 1stdibs.com. • Introduced development team to best practices for source control with git. • 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. • Organized front-end codebase into self-contained view components. <p>Sr. Front End Developer 2012 - 2013 <i>LearningPod, Inc. (The Washington Post Company)</i></p> <ul style="list-style-type: none"> • Architected a set of front-end modules to create a rich user experience for educators, students, and developers. • 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. • Created a suite of automated front-end tests using WebDriver and the Grails functional test harness. <p>Sr. Web Application Developer 2010 - 2012 <i>Roubini Global Economics</i></p> <ul style="list-style-type: none"> • Wrote a forum system from scratch that remains in use at the company. • Designed multiple internal web-based single-page business applications using ExtJS • Developed interactive widgets using JavaScript. • Launched and maintained Economonitor.com using WordPress Multisite and a set of custom plug-ins. • Release manager for production code pushes. Used Trac, Subversion, and a bit of scripting. <p>Founder and president - eBay consignment drop-off store 2004 - 2011 <i>The Sellery</i></p> <ul style="list-style-type: none"> • Developed a web application in PHP to manage eBay sales, inventory, CRM, and invoicing for 400+ consignors. • Bootstrapped business from single person into a coordinated group of skilled and motivated workers. <p>Systems designer and programmer at Black Enterprise - Interactive Department 2009 - 2010</p> <p>Freelance PHP consultant and project manager 2009 - 2010</p> <p>Domain Name Support Manager and Technology Liaison at Trilogy Software 2007 - 2009</p> <p>Systems Administrator at Medicus Insurance Company 2007 - 2008</p> <p>Technical support and QA at Aspyr Media 2001 - 2003</p> <p>Programmer at UT Austin Physics Department - C / LaTeX homework and test system 2000 - 2001</p>		
CHARITY & VOLUNTEER ACTIVITIES	<p>TEALS: Volunteer Teacher for AP Computer science 2014 - 2015 school year <i>Taught AP computer science in Java at a New York City public high school.</i></p> <p>University of Texas Cycling Sports Club 2001 - 2003 <i>Webmaster, Nationals Team Leader, and Track Team President</i></p> <p>Cycling and Charity events</p> <ul style="list-style-type: none"> <i>Semi-professional Category 1 Road Bicycle Racer</i> 2003 - 2006 <i>GTE Big Ride Across America; Seattle, WA to Washington, D.C.</i> 1998 <i>Annual MS-150 Bicycle Ride from Houston, TX to Austin, TX</i> 1996 - 2002 		