

MOTIVATION	Turning ideas into reality through code and technology appeals to me. I am proud to be part of a thriving community of software engineers that does this for a living.		
RECENTLY	<p><b>I have contributed to open source projects, including:</b></p> <ul style="list-style-type: none"> <li>• NPM</li> <li>• Jest</li> <li>• react-toolbox</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>• <code>npm-build-cache</code>: a shared module cache that gives a tremendous speed boost for rebuilds and dev teams.</li> <li>• <code>mimic-webpack</code>: apply your Webpack config to node's runtime</li> <li>• <code>b3nd</code>: knockout-style bindings for Backbone views</li> <li>• <code>template-view</code>: quick and easy templates for your Backbone views</li> </ul>	<p><b>I've used these languages:</b></p> <p>JavaScript, Bash, Groovy, Haskell, SQL, Python, C++, Java, Zsh, and PHP.</p> <p><b>I've used these APIs and frameworks:</b></p> <p>Express, React, JSS, Relay, Grails, 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: yarn</li> <li>• Bundling: Webpack for apps, rollup.js for packages</li> <li>• Testing: Mocha or Jest, depending on the project</li> <li>• Client-side: React + Redux + Relay + GraphQL</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. Software Engineer</b> <span style="float: right;">2017 - 2019</span>  Providence Health and Services Digital Innovation Group <i>providence-digitalinnovation.jobs / odhp.provinnovate.com</i></p> <ul style="list-style-type: none"> <li>• Designed and implemented a web application for patients to upload and OCR pictures of their insurance card as they schedule an appointment with low-acuity clinics.</li> <li>• Sr. Engineer on a 5 person team that built a universal React application for scheduling low-acuity appointments at clinics, as well as online virtual visits with NPs.</li> <li>• Championed the case for feature-flag-based slow roll-outs to management, and implemented a redux adapter for using feature flags in React-redux applications. All new features at Providence are now rolled out using this system.</li> <li>• Implemented an i18n strategy for React applications that has been adopted across the organization.</li> <li>• Introduced package-based development as a way for multiple teams to leverage each other's work.</li> <li>• Triaged any production-level issues that affected patients, as a member of a rotating on-call team.</li> </ul> <p><b>Sr. Front End Developer</b> <span style="float: right;">2014 - 2016</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.</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;">2012 - 2013</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;">2010 - 2012</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;">2004 - 2011</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;">2009 - 2010</span></p> <p><b>Freelance PHP consultant and project manager</b> <span style="float: right;">2009 - 2010</span></p> <p><b>Domain Name Support Manager and Technology Liaison at Trilogy Software</b> <span style="float: right;">2007 - 2009</span></p> <p><b>Systems Administrator at Medicus Insurance Company</b> <span style="float: right;">2007 - 2008</span></p> <p><b>Technical support and QA at Aspyr Media</b> <span style="float: right;">2001 - 2003</span></p> <p><b>Programmer at UT Austin Physics Department - C / LaTeX homework and test system</b> <span style="float: right;">2000 - 2001</span></p>		
VOLUNTEER	<p><b>TEALS: Volunteer Teacher for AP Computer science</b></p>		
ACTIVITIES	<p><i>Taught AP computer science in Java at a New York City public high school.</i></p>		
& HOBBIES	<p><b>University of Texas Cycling Sports Club Webmaster, Nationals Team Leader, and Track Team President</b></p>		
	<p><b>Just for fun: Retired Cat 1 Road Racer, Sailing, Hang Gliding, Hiking, Snow Skiing</b></p>		