

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>I have contributed to open source projects, including:</p> <ul style="list-style-type: none"> • NPM • Jest • react-toolbox • backbone-collection <p>I have published over 20 open source projects, including:</p> <ul style="list-style-type: none"> • npm-build-cache: a shared module 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:</p> <p>JavaScript, Bash, Groovy, Haskell, SQL, Python, C++, Java, Zsh, and PHP.</p> <p>I've used these APIs and frameworks:</p> <p>Express, React, JSS, Relay, Grails, 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: yarn • Bundling: Webpack for apps, rollup.js for packages • Testing: Mocha or Jest, depending on the project • Client-side: React + Redux + Relay + GraphQL 	
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. Software Engineer 2017 - present Providence Health and Services Digital Innovation Group providence-digitalinnovation.jobs / odhp.provinnovate.com</p> <ul style="list-style-type: none"> • 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. • 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. • 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. • Implemented an i18n strategy for React applications that has been adopted across the organization. • Introduced package-based development as a way for multiple teams to leverage each other's work. • Triaged any production-level issues that affected patients, as a member of a rotating on-call team. <p>Sr. Front End Developer 2014 - 2016 1stdibs.com</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 LearningPod, Inc. (The Washington Post Company)</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 Roubini Global Economics</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 The Sellery</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>		
VOLUNTEER	<p>TEALS: Volunteer Teacher for AP Computer science</p>		
ACTIVITIES	<p><i>Taught AP computer science in Java at a New York City public high school.</i></p>		
& HOBBIES	<p>University of Texas Cycling Sports Club Webmaster, Nationals Team Leader, and Track Team President</p>		
	<p>Just for fun: Retired Cat 1 Road Racer, Sailing, Hang Gliding, Hiking, Snow Skiing</p>		