

Thomas R. Hallock

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 University of Texas at Austin 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 - 2019 Providence Health and Services Digital Innovation Group providence-digitalinnovation.jobs / odhp.proinnovate.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 contenteditable 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.

Sr. Web Application Developer

2010 - 2012

Roubini Global Economics

- 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.

Founder and president - eBay consignment drop-off store

2004 - 2011

The Sellery

- 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.

Systems designer and programmer at *Black Enterprise - Interactive Department*

2009 - 2010

Freelance PHP consultant and project manager

2009 - 2010

Domain Name Support Manager and Technology Liaison at *Trilogy Software*

2007 - 2009

Systems Administrator at *Medicus Insurance Company*

2007 - 2008

Technical support and QA at *Aspyr Media*

2001 - 2003

Programmer at *UT Austin Physics Department - C / LaTeX homework and test system*

2000 - 2001

VOLUNTEER
ACTIVITIES
& HOBBIES

TEALS: Volunteer Teacher for AP Computer science

Taught AP computer science in Java at a New York City public high school.

2014 - 2015

[University of Texas Cycling Sports Club](#) Webmaster, Nationals Team Leader, and Track Team President

2001 - 2003

Just for fun: Retired Cat 1 Road Racer, Sailing, Hang Gliding, Hiking, Snow Skiing