

## TECHNICAL SKILLS

Strong: Node, Javascript, React, Redux, Express, Electron, jQuery, Postgres, Mongo, TDD, HTML/CSS, Git  
Experienced: Angular, OAuth, Webpack, Rails, Enzyme, Jest, Mocha, Chai, Heroku, Photoshop, Illustrator

## EXPERIENCE

- Software Engineer - Reactide.io | The first IDE designed exclusively for building React applications 2017
- No. 1 trending repository and developer on GitHub with over 6,800 stars, outpacing both Google and Facebook
  - Automated build tooling and hot module reloading by configuring a dynamic Node, webpack, and Babel transpiling package
  - Created custom React rendering method for simulation of component tree hierarchy and property chain navigation
  - Tested immutability of state store for efficient time travel using Enzyme, Chai, and Mocha
  - Implemented navigable state flow visualization and component/action/reducer libraries enhancing developer productivity
  - Designed Redux architecture through separation-of-concerns and unit-tests of function purity increasing stability and scalability
  - Managed large component, action, and reducer libraries by designing a JS syntactic analysis algorithm to allow code indexing
- Quality Engineer - Originate, Inc. 2015 - 2016
- Wrote cucumber test scripts and step definitions for flagship client using JavaScript and Node
  - Designed integration, end-to-end, regression, and unit testing architecture and test case inventory using Atlassian and Jira
- Backend Engineer - Spotlight, Inc. 2015
- Optimized database calls by refactoring raw SQL database calls to use Rails activerecord query interface
  - Wrote unit and integration tests using RSpec in order to facilitate TDD in an otherwise untested application
- Hackstar - Disney Accelerator Powered by Techstars 2014
- Developed a custom web application allowing remote mentors to provide feedback on company pitches for the first cohort of the Disney Accelerator portfolio companies
- Expert-in-Residence - General Assembly 2014 - 2015
- Built online yearbook using Angular to manage front end components, with Firebase database to utilize JSON structure to store student profiles and seamless integration with Angular
  - Guided 60+ junior developers through backend web development fundamentals by writing custom curriculum including Ruby, Rails, Sinatra, PostgreSQL, OOP, MVC and TDD
- Developer - Hello Ma Belle, DeFete, Inc., and Deux Lux, Inc. 2010 - 2014
- Built Rails application using Postgres for tracking custom productions and incoming international shipments
  - Customized frontend and backend Shopify e-commerce sites using Shopify's proprietary backend language
  - Converted raw product inventory data into formatted CSV using VBA Scripts for batch uploading products
  - Developed and deployed private look-book site using HTML/CSS and JavaScript for loading AJAX requests to Instagram API

## PROJECTS

- Omebe | Collaborative whiteboarding web application
- Using React for front end components, HTML canvas for live-drawing capabilities
  - Utilized Web Sockets to allow multiple users to access application simultaneously collaborate in real-time
- Web Form Generator | Full stack application for user-generated forms, and surveys
- Dynamically generated user-created forms using React, PostgreSQL, and Node for responsiveness, data validation, and portability
  - Integrated React Router in order to dynamically update view components, reducing render time
  - Increased security implementing authentication using OAuth, JWT sessions and encryption

## EDUCATION

- University of California, Los Angeles | BA, American History with minor in American Literature and Culture 2004 - 2007
- Relevant coursework: Java, C++, and Cognitive Science
- University of California, Hastings College of the Law 2008 - 2010
- Relevant coursework: Internet Law, Intellectual Property, Civil Procedure, Torts
- Stanford Center for Professional Development 2012
- Relevant coursework: Java, C++, and Algorithms

## INTERESTS

Landscape photography, canyoning, sky-diving, international travel, astrophysics, Rainbow Road, Timshel