

## Software Engineer

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# Mitch Robb



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Hi! I'm a quality-driven, pragmatic and highly motivated software engineer. I'm an expert on the modern frontend web, and have significant full stack experience. I have product management and technical writing skills from a past life that help me communicate tough concepts to diverse audiences, and to understand the design of the products I develop as well as the implementation. I'm looking for a team that doesn't compromise on quality—in its product or its code. I love to teach and to learn, I contribute to open source, and I can jump really, really high.

## Work Experience

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### **Veritone** *Lead Software Engineer*

The leading cloud-based Artificial Intelligence media tech company.  
Dec 2016 to present

- Heading frontend development for a new developer-facing web product, built with modern Javascript, React, and Redux.
- Focused on user experience from both a technical and usability perspective. Optimized builds with Webpack to dynamically load code, leverage long-term caching, and optimize the assets sent to clients, cutting time to first content in half. Built a mobile friendly design that maximizes UX with granular loading states, jank-free interactions, optimistic updates and “user delight” features.

### **Bottlenose, Inc.** *Lead Software Engineer*

Developer of software for next-generation data discovery.  
Mar 2015 to Dec 2016

- Led a team of engineers developing the frontend of the company's new data analysis and discovery platform, built with modern Javascript, React and Redux. Met tight startup deadlines, delivering a product that feels and works great from a user's perspective and that's a joy to work in from a developer's.
- Added major new features to the company's legacy data analysis platform, on both frontend and backend, including the main navigation and data-selection component, user-configurable dashboards, an admin interface, and several detailed reporting views. Used Backbone and Marionette to build the frontend, and Node.js with MongoDB and Express for the backend.

### **Honey** *Software Engineer*

Creates tools that automate deal-finding and product discovery on the web.  
Sept 2014 to Mar 2015

- Built features and squashed bugs in the company's web, browser extension and iOS products across front- and backend, in CoffeeScript, Javascript, Swift, PHP, and HTML5/CSS3.
- Collaborated to design the frontend of a new web product, focusing on ease of development and maintenance, isomorphic/universal rendering for SEO and fast page loads, and scalability.

### **Currie Tech** *Product Manager 2010–2014*

Hybrid-electric bicycle manufacturer.  
2008–2014

- Managed the IZIP, eFlow, and eZip lines of electric bicycles (about 12 distinct models), working closely with the software engineering team to develop and test the software programmed into every bike sold, both remotely and on-site in China and Taiwan.

## Project Highlights

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### **Nervecenter 3** *Bottlenose, Frontend technical lead*

[www.bottlenose.com](http://www.bottlenose.com)  
A platform for easily and intuitively harnessing data intelligence and discovery — without needing help from data scientists or IT.  
2014

- Architected the application's frontend from the ground up, focusing on performance when handling a large volume of data. Concentrated on developer experience by introducing software and tools that made development significantly easier compared to our other projects, maintaining high test and documentation coverage, and writing maintainable, reusable code. Ensured user experience was excellent by working closely with our product and UX teams to balance technical and user requirements.
- Mentored the frontend team as we successfully met ambitious deadlines while learning a new stack. Concentrated on lifting the working level of all engineers on the team by being a technical go-to, encouraging code review, doing pair programming, and facilitating documentation writing and information dispersal.

## Skills

Modern Javascript, HTML, and CSS. UI/UX design. React w/ Redux, Backbone w/ Marionette, AngularJS. Node.js, SQL, MongoDB, Redis. Clojure, re-frame, core.async. Linux and MacOS, git, bash. And more!

## Education

**Cal. State University, Northridge**  
Bachelor of Science, Marketing  
Graduated 2010