

# AARON SIKES

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## Purpose

I am a front-end or full-stack web developer, looking to work closely with product, design, and development on a healthy team, with the opportunity to grow into team or project leadership.

## Work History

### DockYard - 2015 / 2016

I built **complex Ember.js applications**, with authentication and sign-in/sign-up, modals with multi-step user flows, side-drawers that persisted across screens, **d3 data visualizations**, and more. Twice I joined projects and corrected flawed data models, eliminating brittle Serializers. I worked on **APIs using Elixir and Phoenix**. I **grew strong client relationships**, and was requested specifically by a repeat client who cited both my engineering skills and my transparency. I helped **manage our open source libraries** - both code and issue/community management. I also **wrote for our engineering blog**.

### MOTU - 2015

As a short-term interim developer, I cleaned up and documented their internal web framework. I set up **unit and system testing** for the project, as well as scaffolds for new components and services.

### HubSpot - 2014

I started off doing feature work and maintenance work on a **Backbone.js** app, but gravitated towards working with the head of **front-end infrastructure**. We improved underlying tools used across the company, and pushed adoption of the **style guides** and **component libraries**.

### HedgeServ - 2012 / 2013

This was my introduction to web development. I was truly full-stack here - **provisioning servers**, setting up **MongoDB and Redis** instances, building **Node.js**, **Backbone.js**, and **Ember.js** apps, writing the **HTML/CSS** for components and pages to match designs, and creating **d3 visualizations** with animation. I was able to work with design to intelligently simplify products and features.

## Projects

### Make Love Not Porn

I volunteer for a cash-strapped startup trying to encourage more honest & open communication about the human sexual experience. I work on their **Rails** app, and act as a general tech consult.

### Correct Class

For a freelance client in Boston, I built a **Rails** app for tutors and educators. Using a set of pre-programmed skills, they can create practice problems that are automatically broken down into simpler steps when the student needs it. The app parses mathematical equations from a subset of LaTeX, and performs valid mathematical operations automatically to the abstract syntax trees.

## Skills

My expertise is in JavaScript and Ember.js.

I am comfortable and productive with HTML, CSS, Backbone.js, d3.js, Ruby, Ruby on Rails, Python, Elixir, Phoenix, Node.js, PostgreSQL, MongoDB, Redis, and \*nix fundamentals.