

# Michael Vattuone

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## Work Experience —

### Idealist

#### Front-End Developer

Dec 2018 - Present

- Developed a number of front-end features for a Pyramid/React web application with a small team on a two week sprint cycle. Notable projects include a custom block-based CMS with i18n support, an interactive map displaying historical event listings, and an automated scheduler for blog posts created in multiple time-zones and languages.
- Discovered and resolved many bottlenecks in application performance using various profiling techniques, including a change in server-side Webpack configuring that reduced development compile times by ~1500%.
- Rewrote a large part of the front-end search implementation to use hooks and functional components, removing many unnecessary re-renders and accidental duplicate requests made to Algolia.

### Condé Nast

#### Software Engineer 2

Feb 2017 - Nov 2018

- Spearheaded frontend development of The New Yorker Caption Contest redesign, using GraphQL and React to rebuild a 14 year old application in a month's time. Average session duration on the new experience increased by 20%.
- Led a team of three to create the website for Clever, a millennial-focused offshoot of Architectural Digest. Clever led to a 759% percent increase in millennial traffic for the brand, and was nominated for a Webby for "best visual design — aesthetic".

#### Software Engineer 1

Jan 2016 - Feb 2017

- Worked on the Webby nominated Allure redesign, owning development of the product review page, as well as global elements like the header, navigation and footer.
- Single-handedly delivered a microsite for the Social News Desk team in a month, handling development on both sides of the stack, as well as reviewing designs and requirements with product, design, and editorial.

### Vattuo.net

#### Freelance Web Developer

Sept 2014 - Jan 2016

- Overhauled the Contra Costa County Guaranteed Ride Home Program, replacing a set of Google Forms with a Django/Backbone SPA to handle user submitted reimbursement requests and email notifications.
- Migrated an online advocacy organization's user list from the Actionkit CRM to the Action Network CRM.
- Built and managed a highly customized Wordpress front-end featuring e-commerce support for an online business.

### Citizen Engagement Lab

#### Web Developer and Digital Producer

Mar 2012 - Sept 2014

- Built over 20 websites for progressive political nonprofits, handling information architecture, full stack development, and management of outsourced design work.

## Skills —

CSS (SASS, Styled Components)  
Javascript (React, Redux, Flow)  
Python (Django, Pyramid)  
NodeJS (Express, hapi)  
Hypernova  
Webpack

## Projects —

### Let's Go On A Databender!

EmpireJS 2017

A high level overview and demonstration of various glitch art techniques in the browser, specifically focused on running images and video through the Web Audio API to create visual effects in real time.

### Float Map

April 2014 - Jan 2016

Online map visualizing forecasted changes in extreme weather in the Midwest US. Received the Judges' Choice and Popular Choice awards in the 2014 MIT Climate Colab competition.

### Bank Migration

Sept 2011 - Nov 2011

Website with detailed instructions for switching from a bank to a credit union. Allowed participants to share their story after making the switch. Reported over \$4,000,000 in transferred money.

## Education —

### University of California, Berkeley

Aug 2005 - May 2009  
BA - Cognitive Science

### University of Cambridge

June 2008 - Aug 2008  
Pembroke-King's Programme