

Kate Ray

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Brooklyn, New York

I am a creative programmer, experienced in building all parts of web applications from the UI to backend. I like science, maps, civic data and projects that feel very personal.

SKILLS

Technical:

- JavaScript / ES6 / React / Redux
- Ruby on Rails or Node.js backend
- PostgreSQL / Heroku deployments
- Open Street Maps / Google Maps / Leaflet.js
- HTML5 Canvas / d3.js
- PHP / WordPress / Open Source Software
- iOS / Objective-C

Other:

- Managing a team of engineers and designers
- Spec'ing out projects, development timelines
- Product design, UI/UX design

POSITIONS

Senior Engineer, *Experiment.com* (2015-2017)

A crowdfunding platform for scientific research, YC W13. Responsible for backend & frontend engineering, trained junior engineers, set up an international payment system with Stripe, and worked with scientists to improve their experience on the site.

Squad Leader, *Automattic* (2014-2015)

Built a theme editing interface for mobile browsers, led the *Gravity* squad on an overhaul of WordPress.com's new user experience.

Co-founder and CTO, *scroll kit* (2010-2014)

A flexible, in-browser design tool that makes building a webpage feel more like drawing, used by Smithsonian, Esquire Magazine, the WSJ. I started the company in college with co-founder Cody Brown, raised funding from the Knight Foundation, and got acquired by Automattic.

OTHER PROJECTS

Crying in Public (under development) - emotional map of NYC, with an emoji interface

Where is Williamsburg? (2016) - mobile app for finding the hipster neighborhoods of every city

Spyke (2014) - chat client that lets you take secret pictures, made for Rhizome's 7on7

Alongside (2013) - tool to visualize your relationships via Foursquare checkins

Teach Yourself to Code (2012) - link-sharing site for programming resources

Web 3.0: a story about the semantic web (2010) - short documentary about the Semantic Web, featuring Tim Berners-Lee, Clay Shirky, others

EDUCATION

Graduated summa cum laude from NYU 2010, B.A. Psychology & Journalism

HONORS

National Merit Scholar / U.S. Presidential Scholar / Phi Beta Kappa / James Fenimore Cooper Prize for Journalism