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.

TECHNICAL SKILLS

- JavaScript / ES6 / React / Redux / D3.js
- Ruby on Rails / Node.js / PostgreSQL / Heroku deployments
- Open Street Maps / Google Maps / Leaflet.js
- PHP / WordPress / Open Source Software
- iOS / Objective-C / React Native
- Python / pandas / Matplotlib

PROFESSIONAL EXPERIENCE

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
Bookshelf (2017) - online platform for making book-mixtapes
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