

# Chris Henrick

Web Developer

Oakland, CA

[clhenrick.io](http://clhenrick.io)

[chrishenrick@gmail.com](mailto:chrishenrick@gmail.com)

Chris Henrick is a Oakland, California based web developer and cartographer. He most recently worked for [Stamen Design](#) as a Design Technologist building web applications that utilized interactive maps, Geospatial Information Systems, and data visualization. He holds an MFA in Design and Technology from Parsons School of Design and a BA in Geography and Urban Studies from Temple University. His MFA thesis was a web app he conceptualized and coded called [Am I Rent Stabilized?](#) that seeks to solve the problem of NYC landlords lying to tenants about rent-stabilization and illegally deregulating rent-stabilized apartments.

## Professional Experience

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### GreenInfo Network

**Web Developer**

February, 2017 - present

Oakland, CA

Full stack web developer with [GreenInfo Network](#), specializing in building modern web applications that utilize geo-visualization with open source GIS and web-mapping software, Javascript, Python, SQL, and PHP.

- Coordinate with a team of GIS specialists, cartographers, designers, and project managers to produce responsive web applications for clients primarily working in the non-profit, NGO, and government sectors.
- Assisting Google with creating curated "Voyager" content for their 2017 relaunch of Google Earth.

### Chris Henrick Cartography

**Web Developer, Cartographer**

June, 2010 - present

Oakland, CA

Chris Henrick has consulted for a diverse range of clients in web development, print cartography, and geospatial data analysis.

- [Selected works](#) demonstrate expertise in creating custom web applications, wrangling data, spatial analysis with open-source GIS software, and producing professional cartographic and map related products for both print and the web.
- Previous clients include [Rebecca Solnit](#), Pratt's [Spatial Analysis and Visualization Initiative](#), [The Skyscraper Museum](#), and [The Oakland Museum of California](#).

### Stamen Design

**Design Technologist**

March, 2016 - December, 2016

San Francisco, CA

One part data wrangler, one part cartographer, and several parts web developer for [Stamen Design](#).

- Prototyped, built, and polished highly customized web applications with technologies such as AWS, Heroku, NodeJS, React, Redux, Leaflet, CARTO, and D3JS.
- Developed web basemap styles such as [Terrain Classic](#) using data from OpenStreetMap and technologies such as PostGIS, CartoCSS, and Mapnik.

### Radish Lab

**Web Developer**

May, 2015 - April 2016

Brooklyn, NY

Developed interactive data-visualizations and professionally designed web sites for [Radish Lab](#), a web and graphic design studio that works with non-profits and cultural institutions such as [MAS](#).

- Duties included agile front-end web-development using modern web technologies such as jQuery, NodeJS, D3JS, Wordpress, CARTO, and Github.

### CARTO

**Intern**

March, 2014 - October, 2014

New York, NY

Developed, tested, and supported customers of [CARTO](#), a software as service platform for geospatial data visualization and analytics.

- Contributed to developing CARTO's internal geocoder using PostgreSQL, PL/pgSQL, PostGIS and open administrative geospatial data.
- Prototyped visualizations with and documented Odyssey.JS, an open-source javascript library for telling stories with maps.
- Recorded video tutorials for and held in person workshops on educating users about the CARTO platform.
- Wrote technical documentation on the CARTO platform, Javascript library, and APIs.

## Avalon Travel Publishing

### *Lead Cartographer*

February, 2012 - May, 2013

Berkeley, CA

Performed cartographic design for [Avalon Travel Books](#)'s printed and ebook travel guide series, including titles such as [Moon Handbooks](#), [Rick Steve's](#), and [Let's Go](#).

- Sourced, analyzed, & processed open geospatial data to create professional quality cartographic products.
- Edited and created up to 60 maps per book that conformed to Avalon's brand, cartographic style, and layout standards.
- Designed and implemented a practical workflow for incorporating GIS data into map production through the use of MAPublisher, QGIS, and other open-source tools.
- Wrote Javascript to automate tasks in Adobe Illustrator with the Scriptographer plug-in.

## GreenInfo Network

### *GIS Specialist / Cartographer Intern*

Summer, 2010 and Spring, 2011

San Francisco, CA

Engaged in GIS analysis and cartographic design for [GreenInfo Network](#), a non-profit that specializes in providing professional GIS and mapping services to public interest groups and governmental organizations.

- Executed a historic & current habitat suitability analysis of the Black-Backed Woodpecker for the John Muir Foundation utilizing model builder with USGS Landfire, Land Cover, and public lands data.
- Utilized Arc Map 9.x / 10.x to assist in the production of confidential priority acquisition area series maps for Save the Redwoods League.
- Created 3 offset CMYK print maps for Sustainable Conservation's Partners in Restoration Program using ArcGIS and Adobe Illustrator.

## Volunteer Experience

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### Maptime

#### *Co-Organizer*

January, 2013 - June, 2016

New York, NY

Assisted with organizing and hosting the [Maptime New York City chapter](#). Maptime's goal is to create a welcoming space for non-experts to learn about GIS, cartography, and web development.

## Education

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### Parsons, The New School For Design

#### *Master of Fine Art in Design and Technology*

New York, NY

- MFA Thesis: [Am I Rent Stabilized?](#), an interactive web-app about rent-stabilization in New York City.
- Areas of focus in [MFA DT](#) included interactive web-mapping, data-visualization, front-end web development, user experience design, game design, interactive narrative, open-source GIS, and creative coding.

### U.C. Berkeley Extension

#### *Graphic Design Certificate Program*

San Francisco, CA

- Areas of concentration include graphic design and typography.

### Temple University

#### *Bachelor of Arts in Geography and Urban Studies.*

Philadelphia, PA

Graduated Magna Cum Laude.

- Member of Gamma Theta Upsilon, National Honors Society for Geography.
- Recipient of the Henry N. Michael Prize in Geography and Urban Studies.

## University of the Arts

*Fine Art: Print Making and Drawing*

Philadelphia, PA

### Computer Skills

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- Programming proficiency in Javascript, Python, SQL
- Version control with Git and Github
- CLI: bash, tmux
- Front end web development with React, Redux, Sass, Gulp, and Webpack
- Data visualization using D3JS and Processing
- Interactive mapping with Leaflet, CARTO.JS, Mapbox.JS
- Cloud Computing with Heroku, Digital Ocean, AWS
- Backend web development with Node JS and Express
- Database management with PostgreSQL
- Geospatial Information Systems with QGIS, PostGIS, GDAL, ESRI ArcGIS
- Web cartographic design with TileMill / Mapnik, CartoCSS
- Adobe Software: Illustrator, Photoshop, and InDesign
- MAPublisher (GIS & Cartography plug-in for Adobe Illustrator)