

Chris Henrick

Web Developer, Cartographer, Data Wrangler
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Chris Henrick is a San Francisco based web developer and cartographer. He most recently worked for Stamen Design as a Design Technologist building interactive web apps that utilized mapping and data visualization. He is an alumnus of the Parsons MFA Design and Technology program at the New School in New York City, his 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

Chris Henrick Cartography

Web Developer, Cartographer

June, 2010 - Present

San Francisco, CA

Five years of consulting 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 clean, legible, and stylistically appropriate cartographic and map related products for both print and the web.
- Current and former clients include [Stamen Design](#), [Radish Lab](#), [Rebecca Solnit](#), Pratt's [Spatial Analysis and Visualization Initiative](#), [The Skyscraper Museum](#), [The Oakland Museum of California](#), and [Avalon Travel Publishing](#).

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.
- Assisted with developing web basemaps 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

Assisted [Radish Lab](#), a web and graphic design studio, with creating interactive data-visualizations and professionally designed web sites for 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

Geospatial Developer Intern

March, 2014 - October, 2014

New York, NY

Assisted [CARTO](#) with improving their web-based geospatial data visualization and analytics platform.

- Assisted in improving CARTO's internal geocoder using PostgreSQL, PgSQL, PostGIS and open administrative geospatial data.
- Prototyped visualizations with and documented OdysseyJS, an open-source javascript library for telling stories with maps.
- Crafted video tutorials for and held in person workshops on educating users about the CARTO platform.
- Contributed to technical documentation of the CARTO platform.

Avalon Travel Publishing

Lead Cartographer

February, 2012 - May, 2013

Berkeley, CA

Assisted [Avalon Travel Books](#)' in-house Cartography team with creating new maps and updating existing maps for 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

Assisted [GreenInfo Network](#) with its mission of providing quality and affordable GIS analysis and cartographic products 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

Maptime NYC

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 safe space for non-experts to learn about GIS, cartography, and web development.

Education

Parsons, The New School For Design

Master of Fine Art in Design and Technology.

New York, NY

GPA 3.91

- 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, 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

GPA 3.77, 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

GPA 3.49

Computer Skills

- Programming proficiency in Javascript, Python, SQL
- Version control via Git and Github
- Linux CLI: bash, tmux
- Front end web development with React, Redux, Sass, NPM, Gulp, and Webpack
- Data visualization via D3JS
- Interactive cartography with Leaflet, CARTO.JS
- Cloud Computing via Heroku, Digital Ocean, AWS
- Backend web development via Node JS and Express

- Database management with PostgreSQL
- Geospatial Information Systems using QGIS, PostGIS, GDAL, ESRI ArcGIS
- CARTO platform, javascript library, & API's
- Web cartographic design using TileMill / Mapnik, CartoCSS
- Adobe Software: Illustrator, Photoshop, and InDesign
- MAPublisher (GIS & Cartography plug-in for Adobe Illustrator)