

Portfolio

Web design and development

Cody M Leff

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I'm a designer and full-stack web developer with 4+ years of professional experience. My design work includes branding design, graphic design for web, UI/UX design for web interaction and web applications and animation design. I'm an advanced WordPress, Node.js, Python and React developer and have worked with many other platforms and libraries throughout the template-driven and single-page application web ecosystems. This portfolio contains some of my recent work. *Unless otherwise specified, all work is solely my own.*

HealthTensor Website	CD	B	Ds	Dv	2	
Critica Website	CD	PM	Ds	Dv	M	8
Land Talk	PM	B	Ds	Dv	13	
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Left Goat Website	Dv	29				
The Grand Tour Project	PM	Ds	Dv	33		

CD **Creative Direction** For this project, I worked with the client to identify their core motivations and objectives and helped them make the right high-level artistic and strategic decisions to realize those goals.

PM **Project Management** For this project, I helped the client organize their project into actionable tasks, set and managed budgets, coordinated the exchange of content and creative assets when required, and encouraged consistent and meaningful communication between project participants.

B **Branding** For this project, I helped the client identify and express their organization's character and personality through logos, typography, colors, templates, and other graphic elements.

Ds **Web Design** For this project, I designed content hierarchies, web pages, application interfaces, interaction flows, animations, and/or other graphical or interactive elements for a client.

Dv **Web Development** For this project, I implemented a design in code, deployed a project live, and/or fixed or enhanced an existing software product.

M **Marketing & SEO** For this project, I created and executed a plan to increase brand or product awareness using search engine optimization, online advertising, or other marketing techniques.

HealthTensor Website

Marketing website for a health technology startup

HealthTensor, Inc
6/2018 – 7/2018, 3/2019 – 4/2019

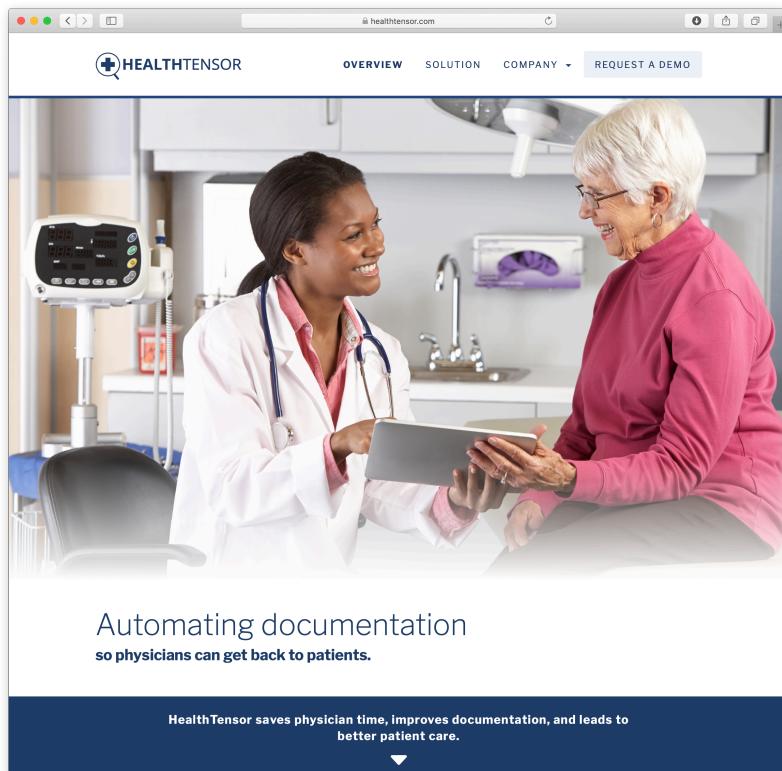
-  CD Creative Direction
-  B Branding
-  Ds Web Design
-  Dv Web Development

I worked at HealthTensor, Inc, an early-stage health technology startup, as a full-time software engineer in 2018 and 2019. One of my assigned projects was to redesign our marketing website. Starting with the company's existing logo, I created a complete branding kit and generated a set of mockups for a completely redesigned desktop website in July 2018. After I left the company, I was hired as a contractor in April 2019 to finalize the mockups, create mobile views and build the site.

Design priorities for this project included creating an elegant, professional presentation of the company and product that would appeal to both potential customers and investors. Because sales of the company's business-to-business offerings would likely require developing working relationships with potential customers, we designed the interaction flow to outline the problems that HealthTensor provides solutions for, briefly describe the solutions, then direct visitors towards a live demonstration request form. The site also allows for easy posting of press releases and job postings.

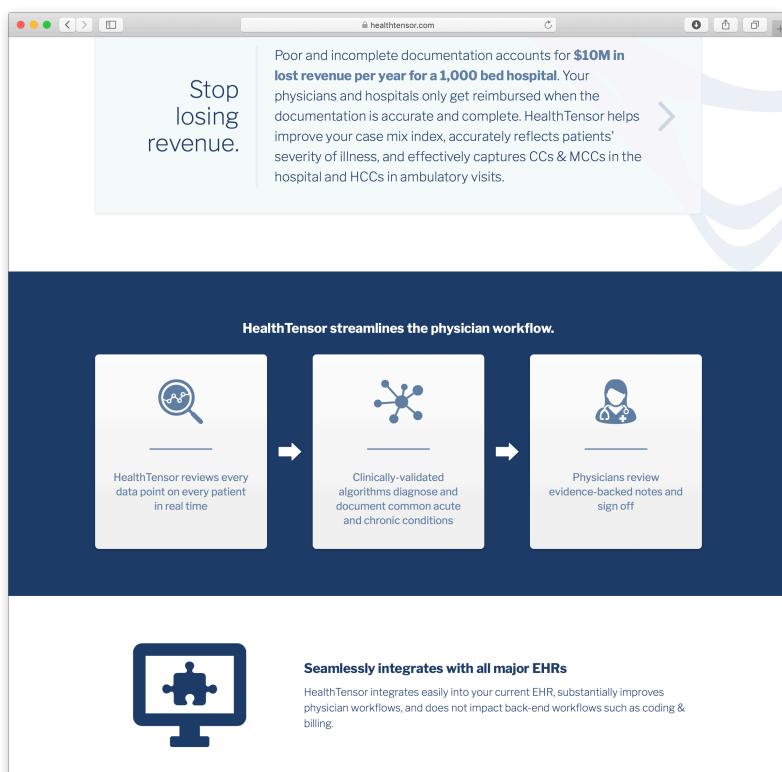
I implemented the redesigned website using the client's existing infrastructure: the site is built with Jekyll using Liquid templates and Sass style preprocessing. The site is built mobile-first with a responsive design.

Live site: <https://www.healthtensor.com>



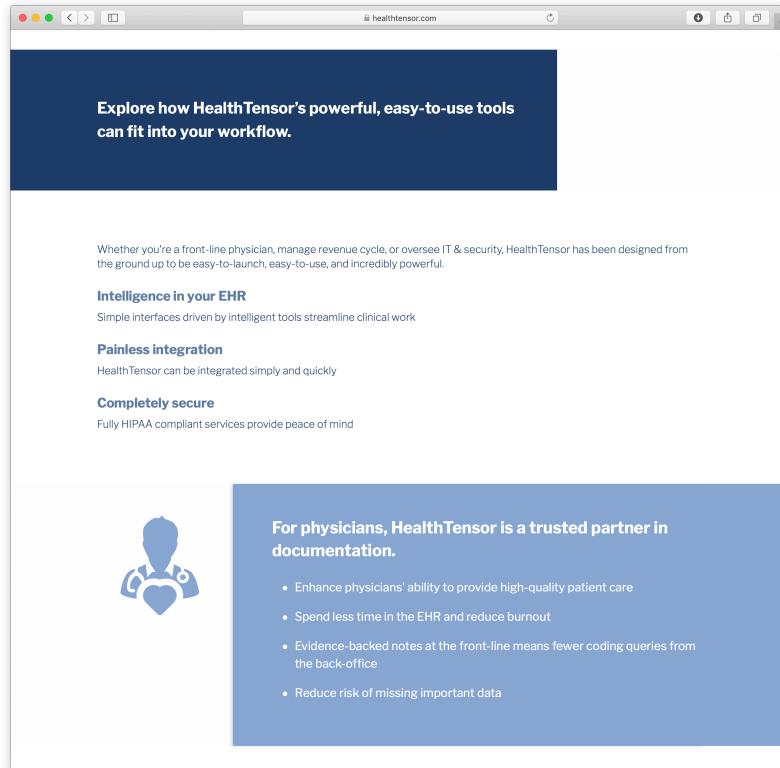
Overview

Above-the-fold content introduces the product and encourages reading on to learn more. Logo from previous site design.



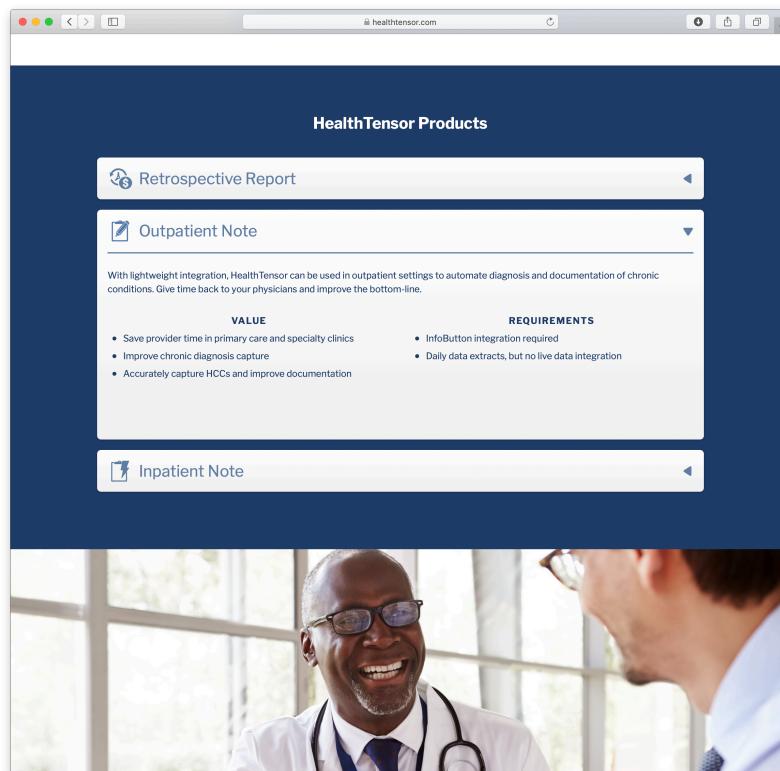
Overview, scrolled

Bold, scrollable content offers potential customers lots of information while maintaining interest with varying use of graphic elements.



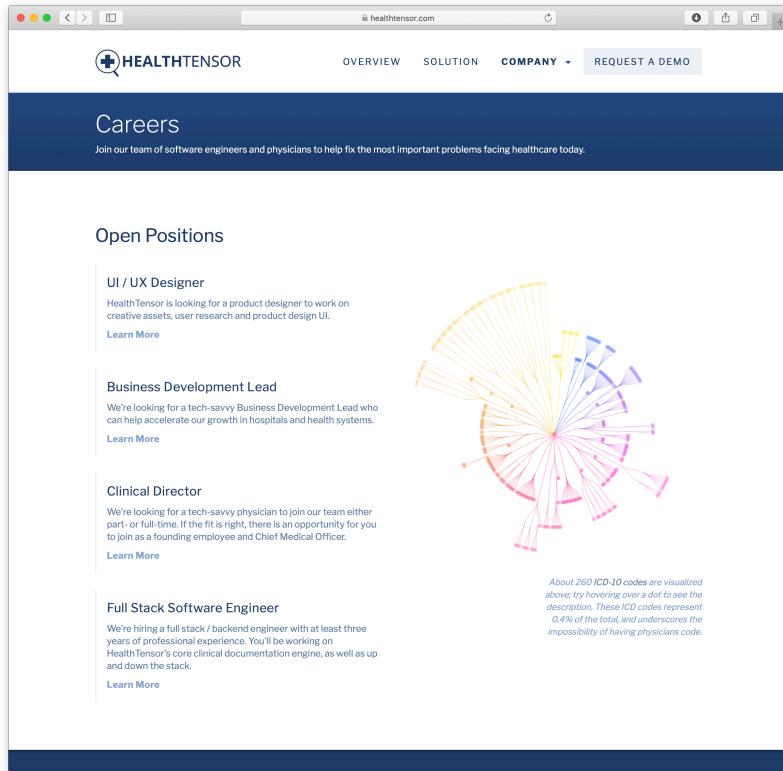
Solution, scrolled

Visitors to the site can easily find the content that is the most relevant to them through eye-catching headings and icons.



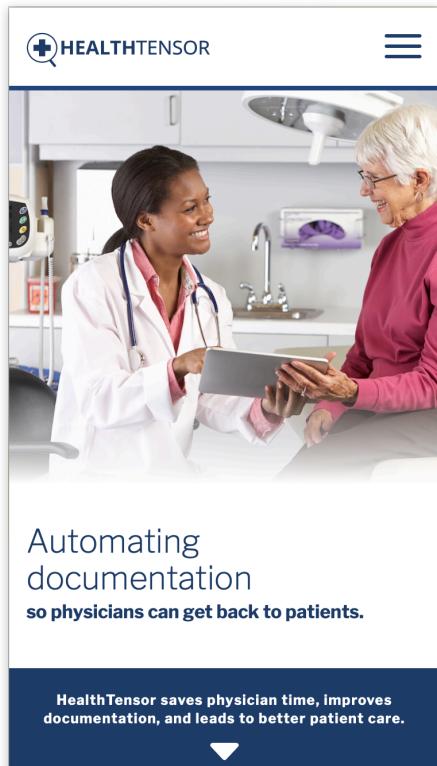
Solution, scrolled

An interactive widget lets visitors browse the various products offered without being overwhelmed by text.



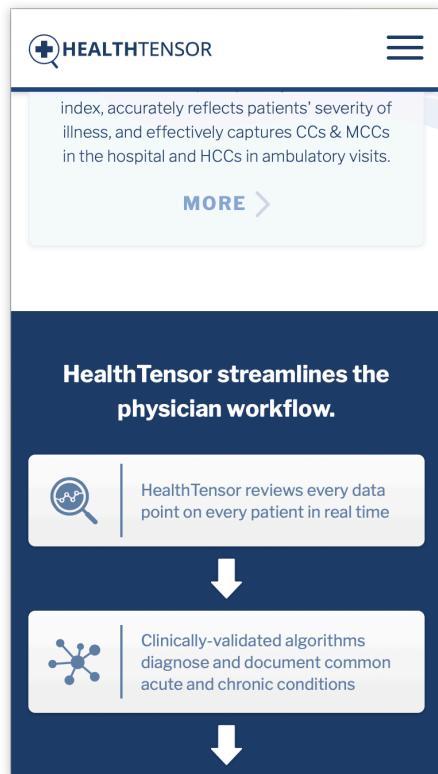
Careers

The client can easily add new open job positions by adding Jekyll post content. *Rainbow wheel graphic by Thomas Moulia <thomas@healthtensor.com>*

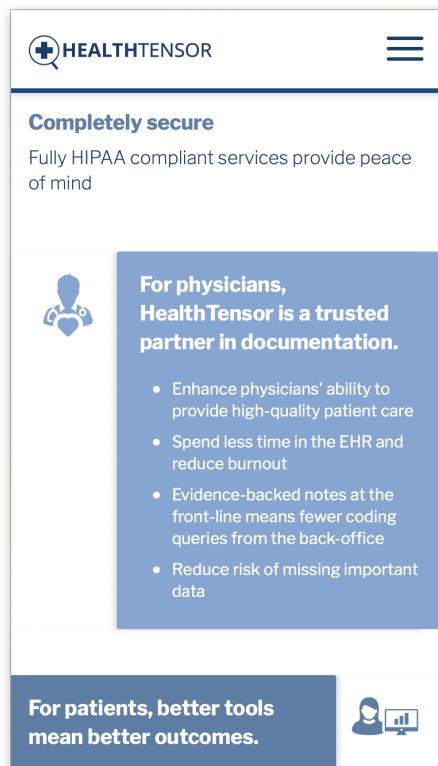


Overview, mobile

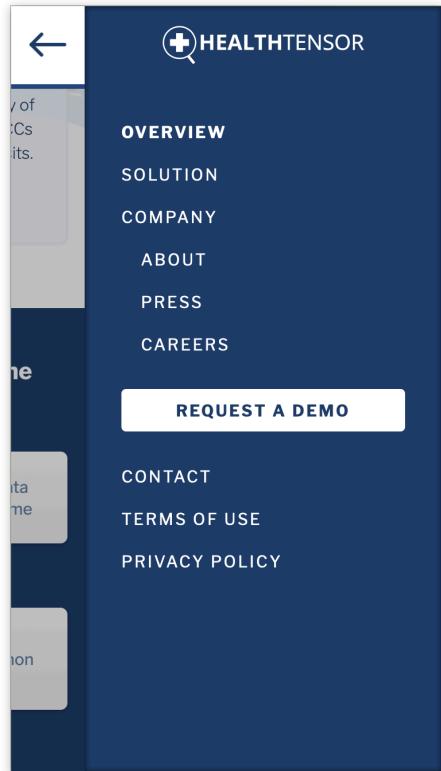
The site is designed for a great experience at all screen sizes.



Overview, mobile, scrolled



Solution, mobile, scrolled



Overview, mobile nav menu expanded

Navigation is simple at small screen sizes with a slide-out nav menu.

Critica Website

Online home for an health and science community

Critica, Inc
10/2017 – 3/2018

-  CD Creative Direction
-  PM Project Management
-  Ds Web Design
-  Dv Web Development
-  M Marketing & SEO

I began working with Critica providing WordPress maintenance and minor improvements and fixes for their existing site, a platform for discussion about current health and science topics. I later worked as designer and developer for a full redesign of the site. Using the logo and color scheme from the previous site, I helped the client assess their needs and then created a set of new webpage mockups with a modern, attractive, and easy-to-use design. I then implemented the new site as a WordPress theme.

The updated site includes Facebook, Twitter and MailChimp integration for multi-platform posting and social engagement. All pages are responsive, with a great experience at all screen sizes. Administrators have full control over all content from the WordPress administration panel.

Live site: <https://critica.life>

CRITICA

ABOUT | COMMENTARY | OUR SERVICES | CONTACT | SUBSCRIBE

Think Deeply, Think Well.

Recent Updates

See what we've been up to lately at Critica.

Sara Gorman on Alaska Public Radio
May 3, 2018

How Should We Talk to Our Kids about Gun Violence?
April 19, 2018

Sara Gorman Discussing Scientific Evidence on LLAMA Podcast
April 12, 2018

[SEE MORE RECENT UPDATES →](#)

Meet Sara & Jack
Critica is led by a passionate, respected, father-daughter team of public health, behavioral health, and neuroscience professionals.

Invite Critica to Your Organization
Critica offers consulting and training services for non-profit organizations, corporations, journalists, science educators, healthcare providers, and government agencies.

Commentary
Read our take on important and relevant health and science topics.

What People Are Reading About Science, Health, and Personal Safety
APRIL 27, 2019 | AWARENESS, COMMUNICATION, CONCEPTS & METHODS, GMOS, GUN CONTROL, HEALTH, JOURNALISM, NUTRITION, PUBLIC HEALTH, RESEARCH

There are three parts to effective science communication, two of which have robust infrastructure. The first leg is scientist to scientist: it is easy for scientists to find out what other scientists are thinking about—scientific publications and conferences abound in which every new finding, controversy, and dispute can be rehearsed in detail. The second leg [...]

[CONTINUE READING →](#)

Are Facebook's Suicide Prevention Tactics Misguided?
APRIL 22, 2019 | AWARENESS, COMMUNICATION, CONCEPTS & METHODS, MENTAL HEALTH, PSYCHOLOGY, SOCIAL MEDIA, SUICIDE

Homepage

A busy homepage gives visitors a look into all things Critica.

CRITICA

ABOUT | COMMENTARY | OUR SERVICES | CONTACT | SUBSCRIBE

Commentary

Critica Commentary is a place for discussion of all things related to denial of scientific evidence and health and science literacy. Here you will find longer pieces about particular topics, such as medical misdiagnosis and conflicts of interest, as well as interviews with key people working at the intersection of health policy, science journalism, science education, and psychology, among other fields. You may also find guest posts by authorities in the field as well as by people with fascinating stories to share and analyses of recent news articles, studies, and current events. If you are interested in writing something for Critica, please [contact us](#) here.

Topic

All

Cancer

Climate change

Communication

Concepts & Methods

Evolution

Firearms

GMOS

Gun control

Gun Violence

Health

Journalism

Medicine

Mental Health

Would you like the latest Commentary articles delivered to your inbox?

Subscribe to Critica

[✉](#) [✉](#) [✉](#)

Want to take the conversation further?

Leave a comment on an article or message the Gormans directly from the Contact page.

What People Are Reading About Science, Health, and Personal Safety
TOPICS: AWARENESS, COMMUNICATION, CONCEPTS & METHODS, GMOS, GUN CONTROL, HEALTH, JOURNALISM, NUTRITION, PUBLIC HEALTH, RESEARCH

APRIL 27, 2019 | COMMENTS

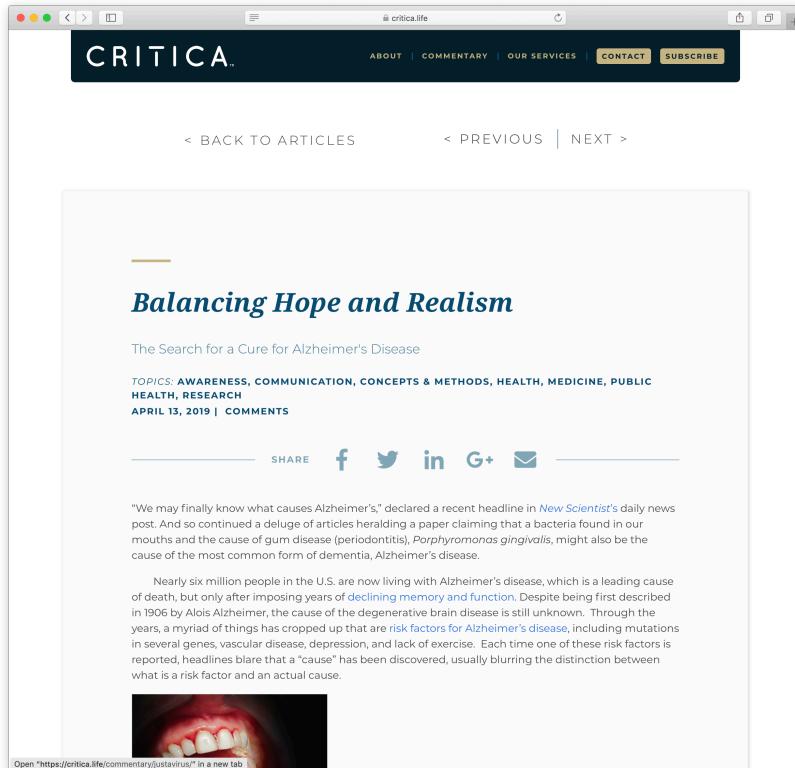
There are three parts to effective science communication, two of which have robust infrastructure. The first leg is scientist to scientist: it is easy for scientists to find out what other scientists are thinking about—scientific publications and conferences abound in which every new finding, controversy, and dispute can be rehearsed in detail. The second leg [...]

[CONTINUE READING →](#)

Are Facebook's Suicide Prevention Tactics Misguided?

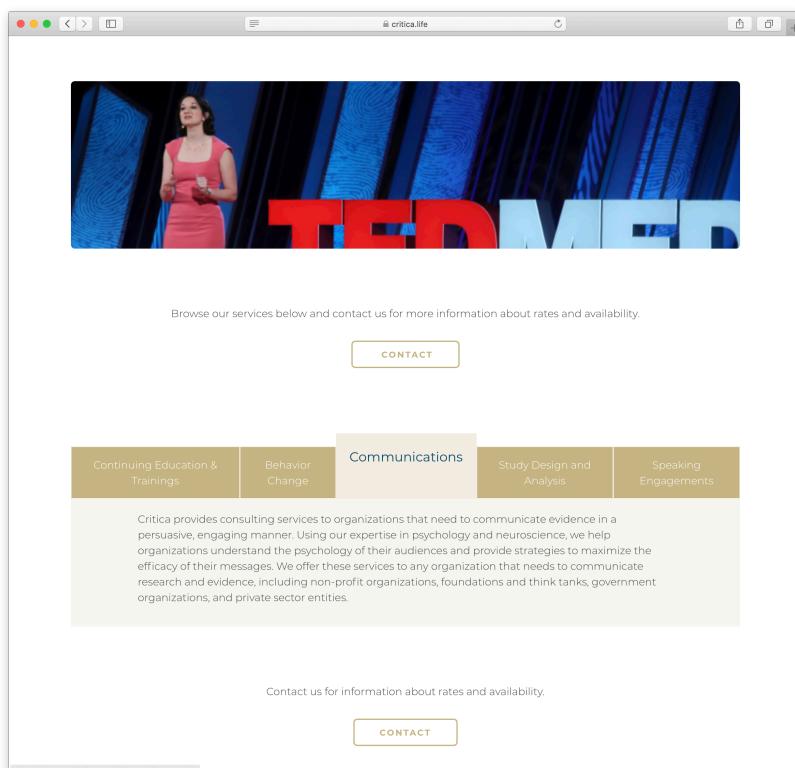
Commentary

Visitors can see latest posts and filter by category.



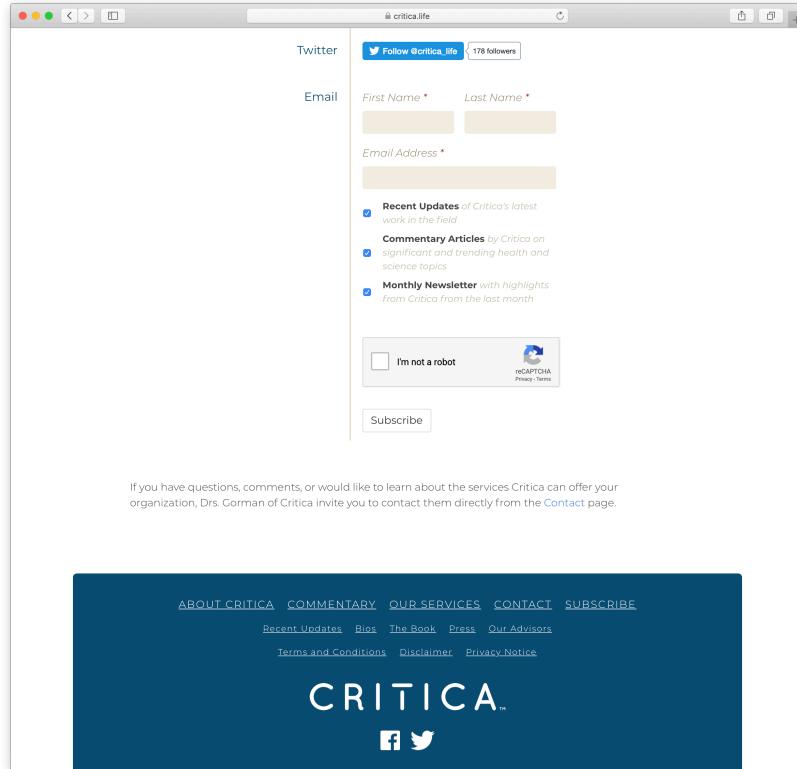
Commentary Article

Written content is presented in an attractive, easy-to-read article format.



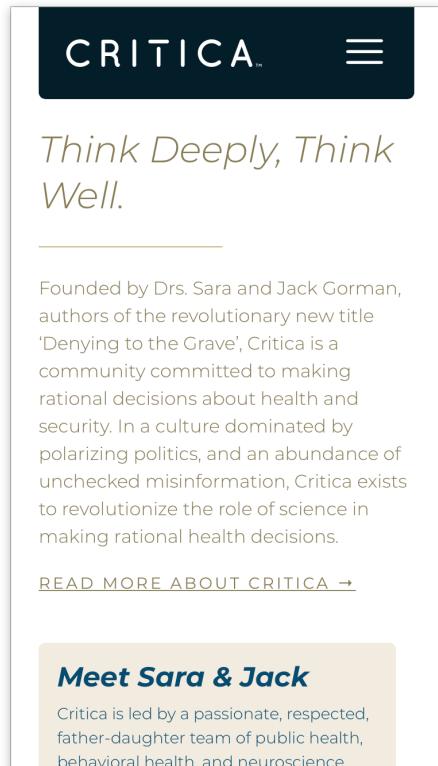
Services

Visitors have quick access to the services Critica provides.



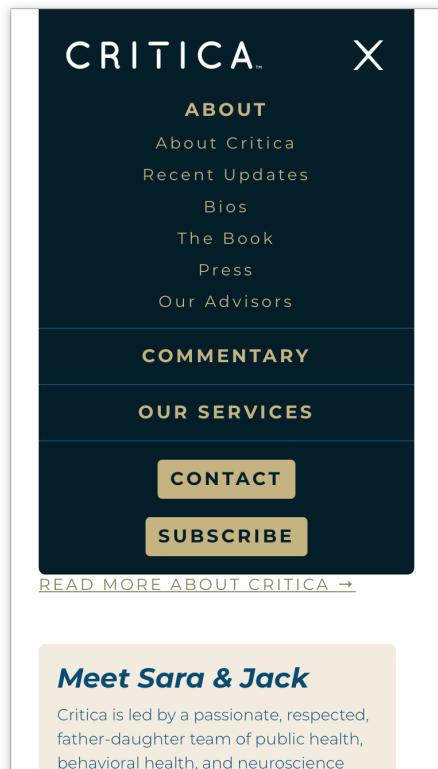
Subscribe

The site allows interested visitors to subscribe to Critica content via multiple platforms.



Homepage, mobile

All pages are responsive.



Mobile Nav Menu

A mobile nav menu makes all pages easily accessible on small screens.



Commentary Article, tablet

Land Talk

Geo-aware web application for sharing conservation interviews

Center for Spatial and Textual Analysis (CESTA) - Stanford University
9/2017 – 2/2018

-  PM Project Management
-  B Branding
-  Ds Web Design
-  Dv Web Development

Land Talk is a project by Professor Deborah Gordon (Stanford University) that aims to collect recorded and written interviews from individuals who have lived in a location for a long time about how that place has changed over time, with a focus on environmental and development changes. When I joined the project, I provided support and updates for an existing prototype Python/Django site. I then did branding, design and development for a full redesign of the site.

The redesigned site was built as a WordPress theme with a custom content model and submission form implemented with Advanced Custom Fields PRO. The front-end is a hybrid of WordPress templates with dynamic React components for no-refresh searches and content loading. The dynamic front-end components communicate with the WordPress CMS via a custom REST API. Maps are displayed using the Google Maps API.

Repository: <https://github.com/cestastanford/landtalk>

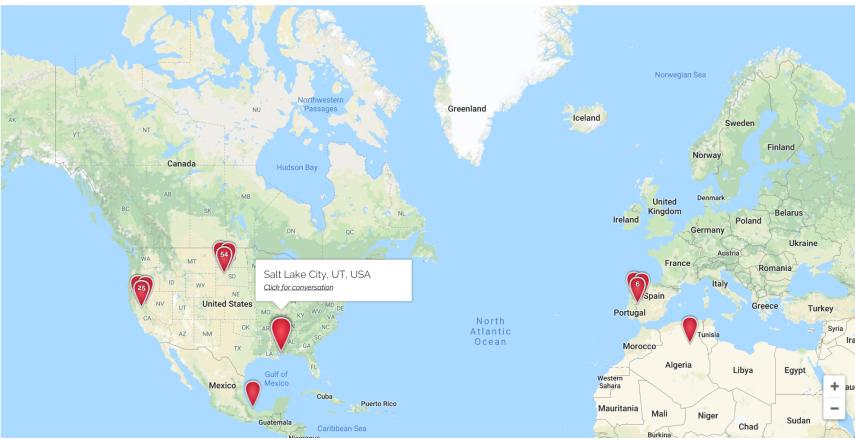
Live site: <https://landtalk.stanford.edu>



LAND TALK

[home](#) | [conversations](#) | [about](#) | [submit](#) ▾

Land Talk shows conversations with people about changes they have noticed in places they know well. Click on any map marker to see a conversation about the marked place and read more about an observer's experience there.



Click a marker group  to zoom in on the map and explore conversations.

Featured Conversations



Red Hills, Jamaica
Karen Donaldson, a long time resident of Red Hills, Jamaica, describes her experience growing up in the Hills. From the disappearance of species to new construction along the mountainside, she has seen much change in the area.



Lanikai Beach, Kailua, Hawaii
In this audio file I am interviewing my Mom about the effect time has had on Lanikai beach.

[Click for conversation](#)



Headington, Oxford, England
The observer describes the process of urbanization in Headington (a suburb of Oxford in England) where she grew up in the 1960s and 1970s.

[Click for conversation](#)

Homepage

Visitors are immediately presented with a full-size map of submitted interviews and some featured interviews.

LAND TALK

home | **conversations** | about | submit ▾

Conversations

View the selected Featured Conversations, see the Latest Conversations submitted to the site, use the Map to explore conversations by location, or scroll down to All Conversations to browse and search through all content on the site.

► Featured Conversations

► Latest Conversations

▼ Map



Click a marker group  to zoom in on the map and explore individual conversations.

▼ All Conversations

search conversations

		
Delaware, Ohio This LandTalk is an interview with my grandmother, Sandy Frazier. She and my grandfather bought 20 acres of land in Delaware, Ohio in 1976. Over the years they have built a house on this land and helped support the growth of native trees and animal life on their land. During our interview... Click for conversation	Arbuckle Park, Brownsburg, Indiana Renuka Sathyamurthy will be talking about Arbuckle Park. Arbuckles Park is a nature park that has many trees, a creek, playgrounds, shelters for picnics and other activities, basketball courts, and baseball diamonds. There is also a walking trail. Click for conversation	Galewood, Chicago, IL Lisa Schrantz describes the backyard of her home in Chicago and how it has changed in the past 20 years she has lived there. Click for conversation
		

Conversations

Visitors can explore the interviews chronologically, via the map or with a text search.

LAND TALK

home | **conversations** | about | submit ▾



Undeveloped Rapid City in the 80s
Rapid City, South Dakota, 1987



Modern Rapid City
Rapid City, South Dakota, 2014

Rapid City, South Dakota, USA



Click map to reveal this conversation on the full-size map and see nearby conversations.

Conversation



Mrs. Nancy England discusses Rapid City, South Dakota which she has visited for over 20 years.

Observer: Nancy England
Interviewer: Erin England
Interview Date: 4/7/2004
Submission Date: 12/13/2017
Keywords: South Dakota, development, Rapid City

About This Place

Historic Appearance
Mrs. England described Rapid City when she first visited as undeveloped and very natural, with a lot of wildlife.

Changes over Time
Mrs. England noticed that over the past 25 years, it has built up with many tourist attractions, particularly around Mt. Rushmore. There has been a revitalization of the downtown, with more shops and restaurants. She has also noticed less wildlife in the area, particularly deer. After

Conversation Single

Each interview displays nearby conversations and contains a YouTube embed of the interview, along with written content.

CODYMLEFF.com

16



LAND TALK

home | **conversations** | about | submit ▾

Report Conversation: Rapid City, South Dakota, USA

Land Talk hosts conversations that meets all the following quality and appropriateness standards:

- The submission contains a complete response for each field in the Submit form.
- The submission describes observations of changes in a place.
- The submission is free of promotions for products or organizations.
- The submission meets PG-13 standards for language and decency.

If this entry doesn't belong on Land Talk, fill out this form and an administrator will review it. Please note that all fields are required.

Why are you reporting this conversation?
Choose a reason

Please provide more details about why this conversation should be removed from Land Talk.

Enter your email address
Email address
We collect this in case we need to contact you about your report.

I'm not a robot reCAPTCHA
Privacy · Terms

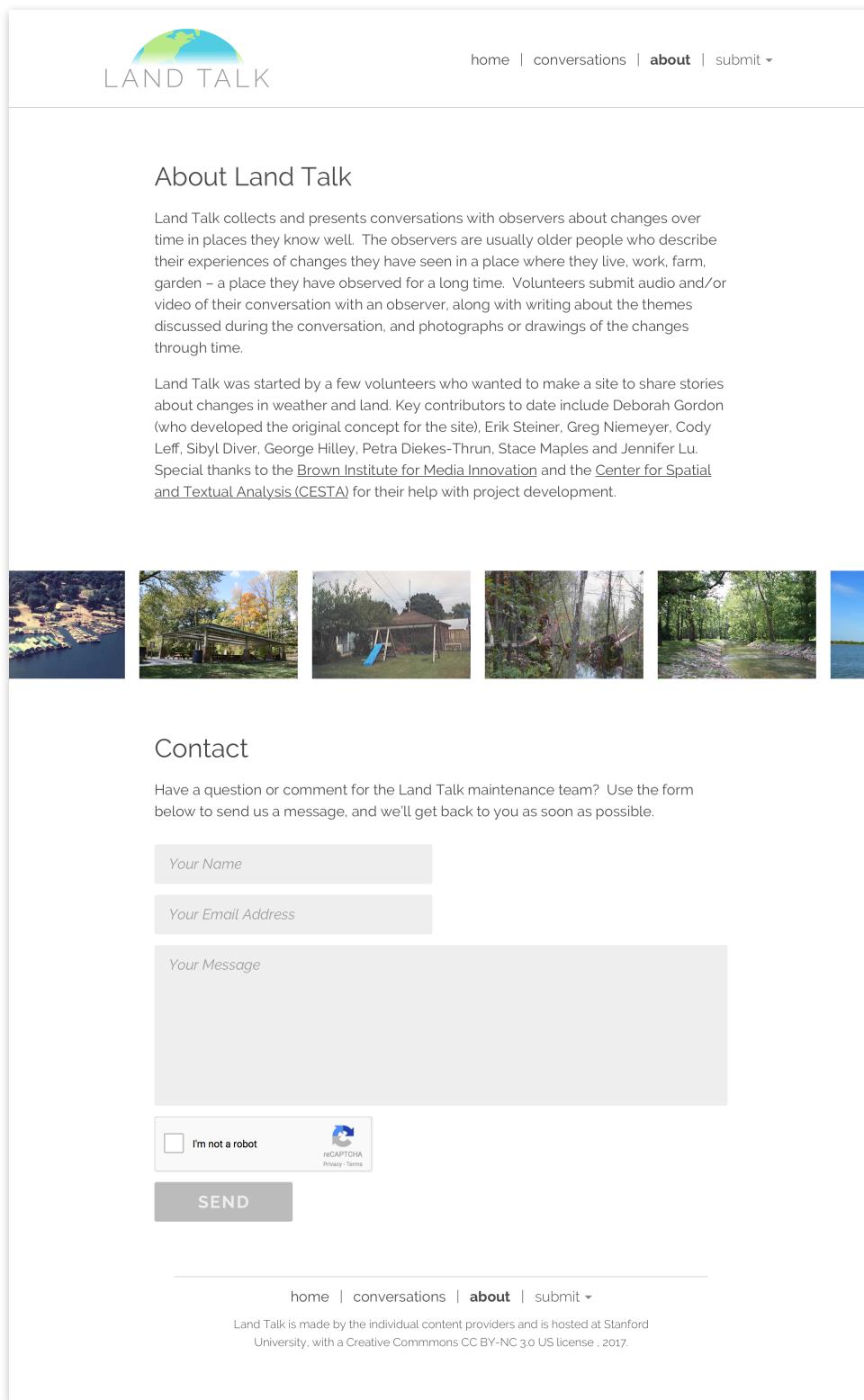
Submit Report

home | **conversations** | about | submit ▾

Land Talk is made by the individual content providers and is hosted at Stanford University, with a Creative Commons CC BY-NC 3.0 US license, 2017.

Report a Conversation

Visitors can report conversations, which automatically hides them from the public until an administrator can review the report.



LAND TALK

home | conversations | **about** | submit ▾

About Land Talk

Land Talk collects and presents conversations with observers about changes over time in places they know well. The observers are usually older people who describe their experiences of changes they have seen in a place where they live, work, farm, garden – a place they have observed for a long time. Volunteers submit audio and/or video of their conversation with an observer, along with writing about the themes discussed during the conversation, and photographs or drawings of the changes through time.

Land Talk was started by a few volunteers who wanted to make a site to share stories about changes in weather and land. Key contributors to date include Deborah Gordon (who developed the original concept for the site), Erik Steiner, Greg Niemeyer, Cody Leff, Sibyl Diver, George Hilley, Petra Diekes-Thrun, Stace Maples and Jennifer Lu. Special thanks to the [Brown Institute for Media Innovation](#) and the [Center for Spatial and Textual Analysis \(CESTA\)](#) for their help with project development.



Contact

Have a question or comment for the Land Talk maintenance team? Use the form below to send us a message, and we'll get back to you as soon as possible.

I'm not a robot reCAPTCHA
Privacy · Terms

SEND

home | conversations | **about** | submit ▾

Land Talk is made by the individual content providers and is hosted at Stanford University, with a Creative Commons CC BY-NC 3.0 US license, 2017.

About

A contact form allows visitors to contact site administrators.



LAND TALK

home | conversations | about | **submit** ▾

[submit conversation](#)

[guidelines](#)

Submit Conversation

Use this form to submit a conversation to Land Talk. Please complete all fields marked as "required." Thank you for your contribution!

▼ Location

Place Name (Required)

Example: Golden Gate Park, San Francisco, California, United States

Include the name of the city, state/province if applicable, and country.

Managing Organization (Optional)

Example: US National Park Service

If the place is managed by a municipal, state, national, nonprofit or commercial organization, enter its name here.

Coordinates (Required)

Enter the latitude and longitude of the place in decimal format. Be sure to include any negative signs (-). If possible, include 4 digits after the decimal point (for example, 48.4085).

To convert from hours-minutes-seconds format, use [this tool](#).

To find coordinates of a location from Google Maps, zoom in until the place is easily distinguishable, then right-click on the place and select "What's here?". Then, copy and paste the latitude and longitude values from the resulting pop-up at the bottom of the screen.

Valid latitudes are between -90.0000 and 90.0000.

Valid longitudes are between -180.0000 and 180.0000.



Enter coordinates to preview location.

[Continue](#)

► About This Place

► Photos

► Video

► Submission Details

home | conversations | about | **submit** ▾

Land Talk is made by the individual content providers and is hosted at Stanford University, with a Creative Commons CC BY-NC 3.0 US license, 2017.

Submit Conversation

Visitors can submit conversations using a web form.

Imagined San Francisco

Interactive web application for viewing curated maps and associated content

Center for Spatial and Textual Analysis (CESTA) - Stanford University
4/2017 – 8/2017

-  Project Management
-  Web Design
-  Web Development

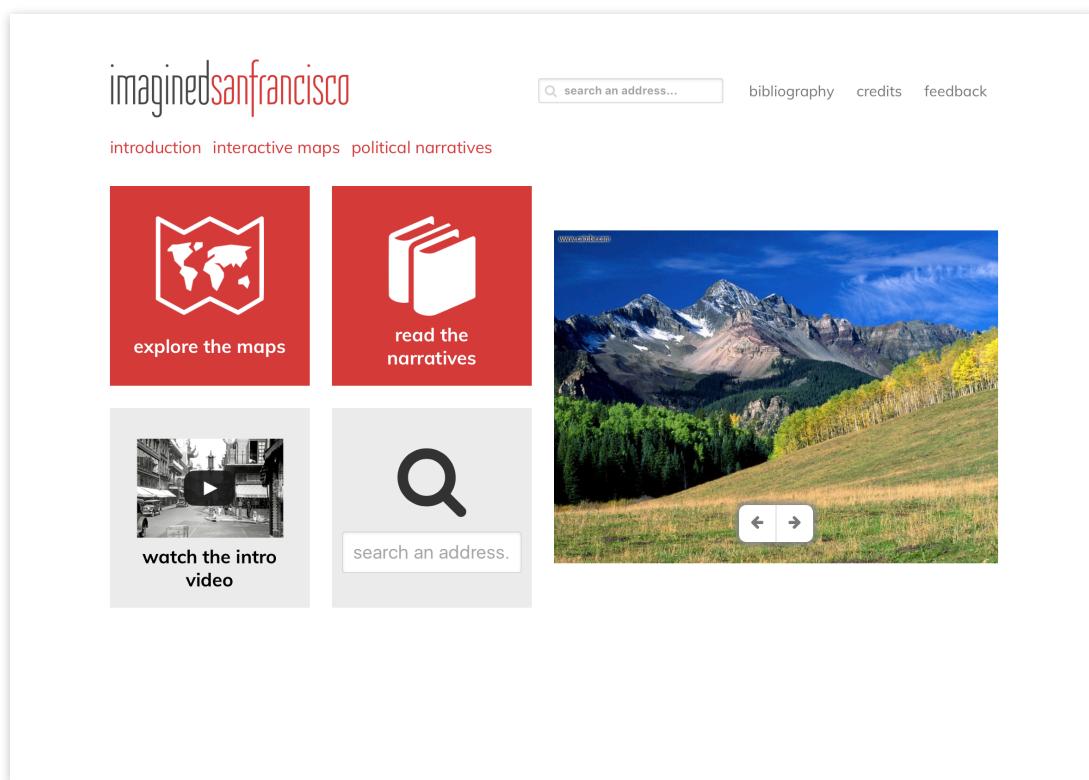
Imagined San Francisco is a project by Professor Ocean Howell (University of Oregon) that explores development in the city of San Francisco that was planned but never completed. We created a web application that renders different collections of superimposed raster map layers, vector map layers and vector feature sets with view controls, along with offering access to written pieces about the map content. Vector features are interactive, revealing associated information when selected, and the application allows the user to see their current location on the map. Authors can embed dynamic maps with specific layer configurations in the written pieces.

The design of the application was based on previous design work (including logos, color schemes and layout sketches). I expanded the existing material to a full branding kit, helped define a content hierarchy for the site, then created mockups for each page and for the main web-based application.

The back-end is a WordPress installation running a custom theme, with all content modifiable by a non-technical administrator from the WordPress CMS admin panel.

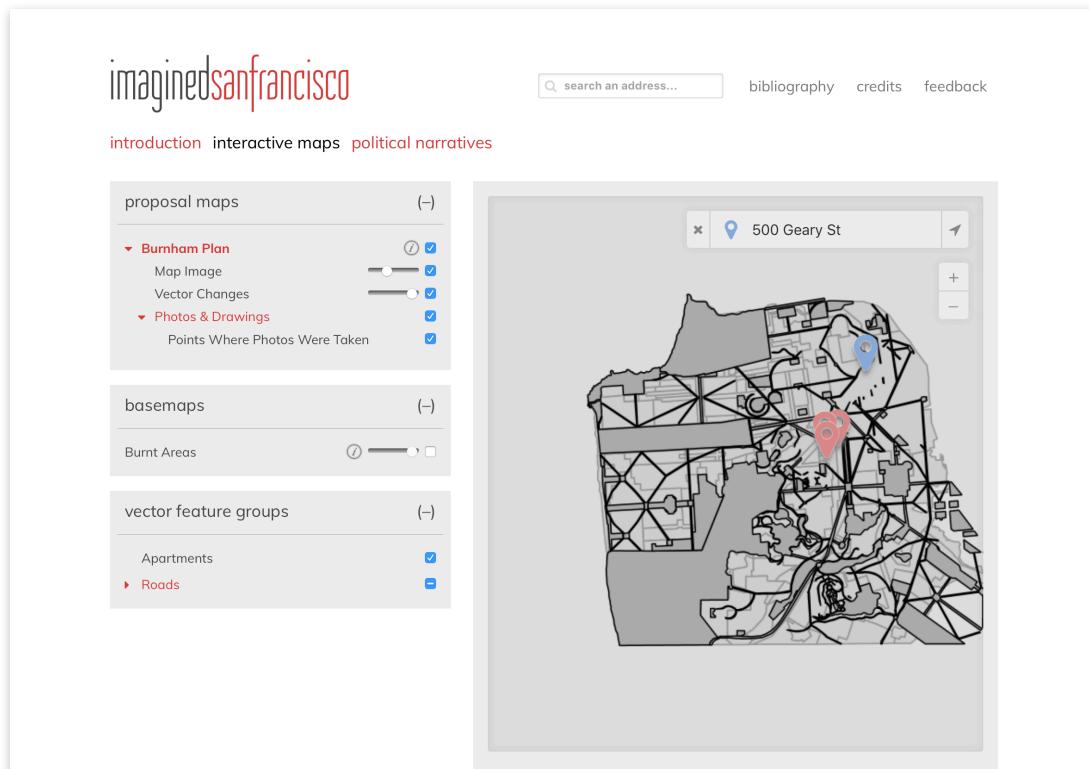
The front-end main map view and author-embedded maps are rendered as WordPress templates with dynamic Vue.js/Vuex instances that handle user interaction and render selected layers and feature sets to a Leaflet map according to user-set parameters. Front-end logic retrieves content from the CMS via a custom REST API. Other pages are rendered from static WordPress templates.

Repository: <https://github.com/codymleff/imaginedsf>



Homepage

Visitors are presented with several ways to engage with the content.



Interactive Maps

The web application allows a user to control the visibility and opacity for raster and vector map layers, basemaps, and vector feature sets. The user can also view their current location or an address of their choosing on the map.

Sample Narrative

Sample Parent Narrative ▾

Sample Child Narrative

Here's some sample content!

Hello World

Curabitur accumsan turpis pharetra **augue tincidunt** blandit. Quisque condimentum maximus mi, sit amet commodo arcu rutrum id. Proin pretium urna vel cursus venenatis. Suspendisse potenti. Etiam mattis sem rhoncus lacus dapibus facilisis. Donec at dignissim dui. Ut et neque nisl.

- In fermentum leo eu lectus mollis, quis dictum mi aliquet.
- Morbi eu nulla lobortis, lobortis est in, fringilla felis.
- Aliquam nec felis in sapien venenatis viverra fermentum nec lectus.
- Ut non enim metus.

Third level

Quisque ante lacus, malesuada ac auctor vitae, congue **non ante**. Phasellus

Narrative

Written narratives can include embedded maps.

Wordpress 4.8.1 is available! [Please update now.](#)

An automated WordPress update has failed to complete - [please attempt the update again now.](#)

Howdy, Cody Leff

One of your old favourite songs from way back when

Screen Options ▾

Edit Map Add New

Burnham Plan

Maps

Map Type *
Select whether this map is a proposal map or a basemap.

Proposal Map

Primary Layers *
Add the primary map layers for this proposal map.

Layer *	Label *
Select a map layer.	Enter a label for this map layer in this proposal map.
1 1906 Burnham Plan	Map Image
2 Burnham Plan Changes	Vector Changes

Add Layer

Photos & Drawings Layers
Add the map layers that will appear in the Photos & Drawings section for this proposal map.

Layer *	Label *
Select a map layer.	Enter a label for this map layer in this

Publish

Preview Changes

Status: Published [Edit](#)

Visibility: Public [Edit](#)

Published on: Aug 13, 2017 @ 02:16 [Edit](#)

[Move to Trash](#) [Update](#)

Custom WordPress CMS Administration

Administrators can easily modify site content using the WordPress administration panel.

The Ethics Incubator

Multimedia topic-focused content publishing platform

Susan Liautaud & Associates, Limited
10/2016 – 4/2017

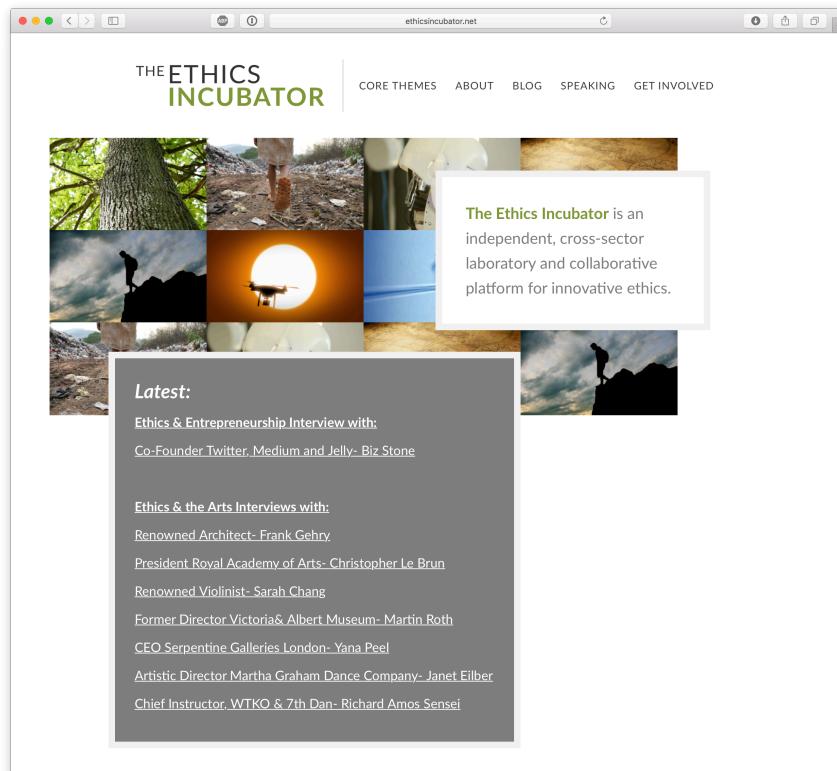
- PM** Project Management
- B** Branding
- Ds** Web Design
- Dv** Web Development

For this project, the client was interested in a flexible web-based platform for publishing interviews and related media in her field of cutting-edge ethics research and policy.

I worked with the client to establish a brand for the project, designing logos and creating a branding kit. I then designed a website offering a modern, eye-catching browsing experience while presenting easily-accessible video, audio, photographic and written content.

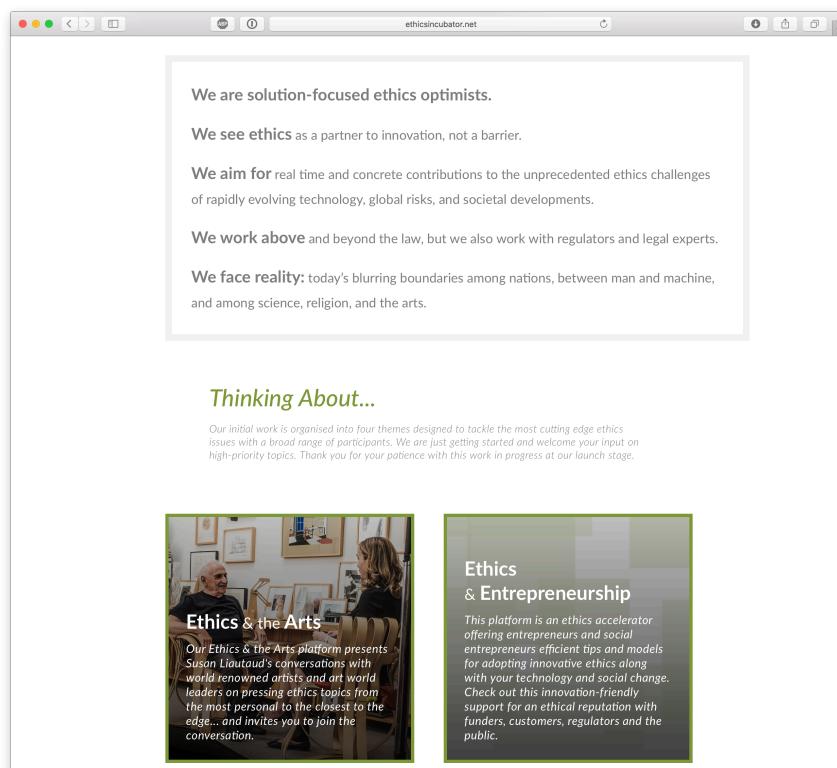
I set up a WordPress installation on the client's existing hosting infrastructure and programmed the content model, page templates, styles and custom functionality as a custom WordPress theme. The WordPress theme provides administrative tools for easy administration of all site content (including posting new content) and incorporates embedded media from YouTube and SoundCloud.

Live site: <http://ethicsincubator.net>



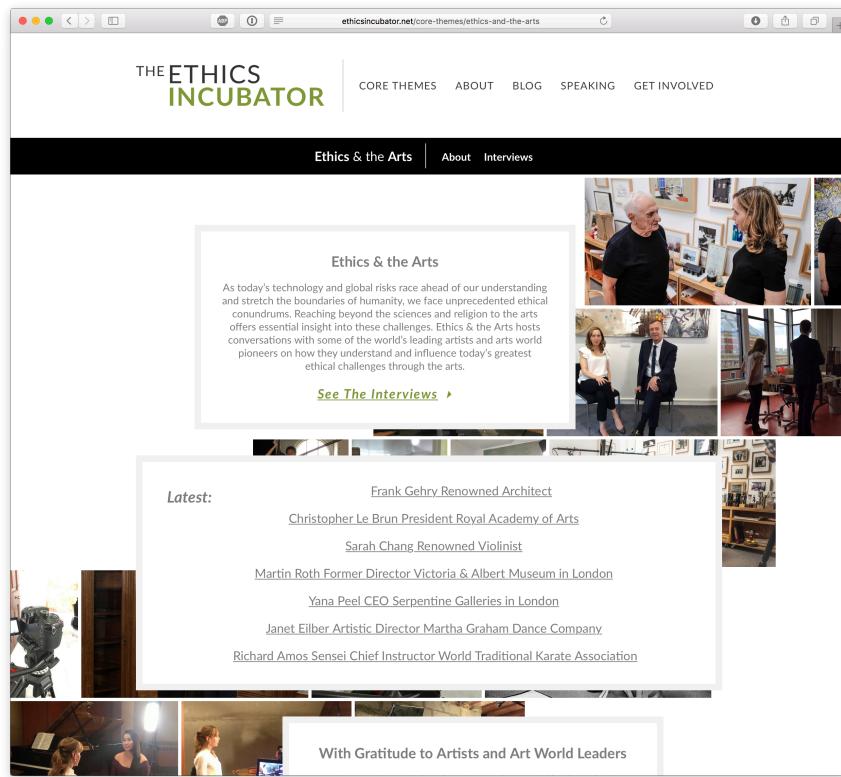
Homepage

Visitors are first presented with an introduction to the project and the latest uploaded content.



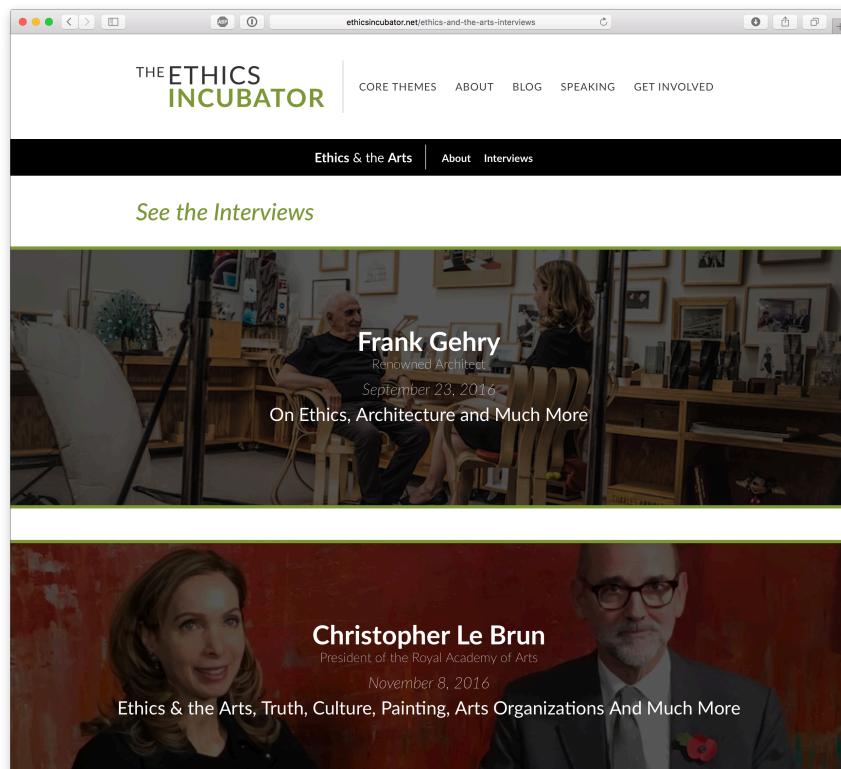
Homepage, scrolled

The site presents content as part of several Core Themes, subcategories of research reflecting the client's more specific areas of interest.



Custom Post Type Home

Each Core Theme has a homepage with unique design elements and content.



Custom Post Type Archive

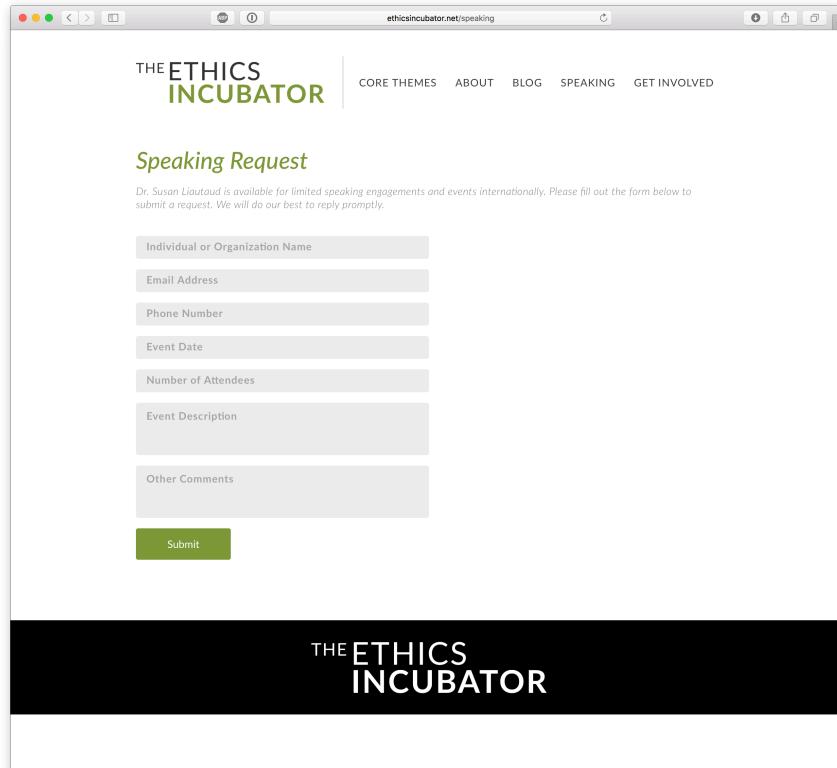
Each Core Theme has distinct content presented in a theme-specific way.

Custom Post Type Single

Each interview within a Core Theme presents its content in an easy-to-consume format.

Custom Post Type Single, scrolled

Interviews can offer content in multiple formats.



Speaking Request

Dr. Susan Liautaud is available for limited speaking engagements and events internationally. Please fill out the form below to submit a request. We will do our best to reply promptly.

Individual or Organization Name

Email Address

Phone Number

Event Date

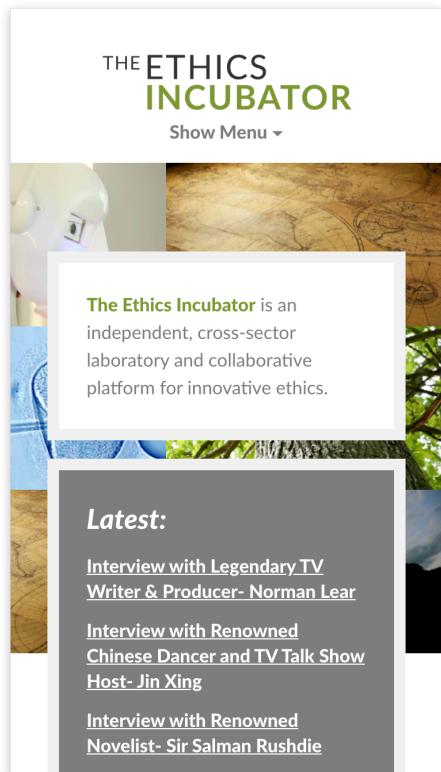
Number of Attendees

Event Description

Other Comments

Submit

Contact Form



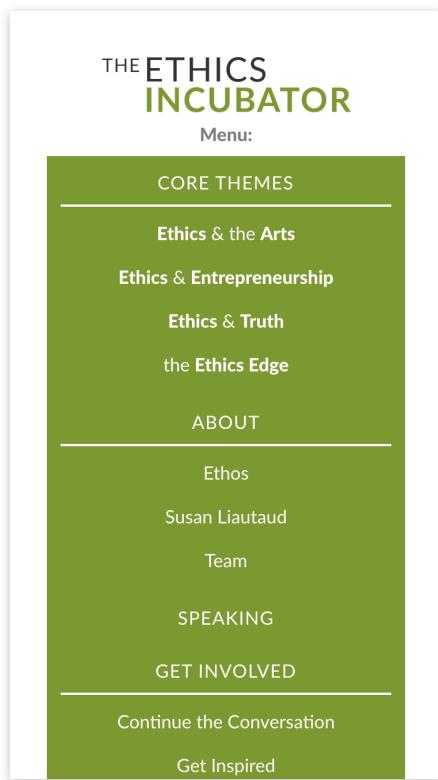
The Ethics Incubator is an independent, cross-sector laboratory and collaborative platform for innovative ethics.

Latest:

- [Interview with Legendary TV Writer & Producer- Norman Lear](#)
- [Interview with Renowned Chinese Dancer and TV Talk Show Host- Jin Xing](#)
- [Interview with Renowned Novelist- Sir Salman Rushdie](#)

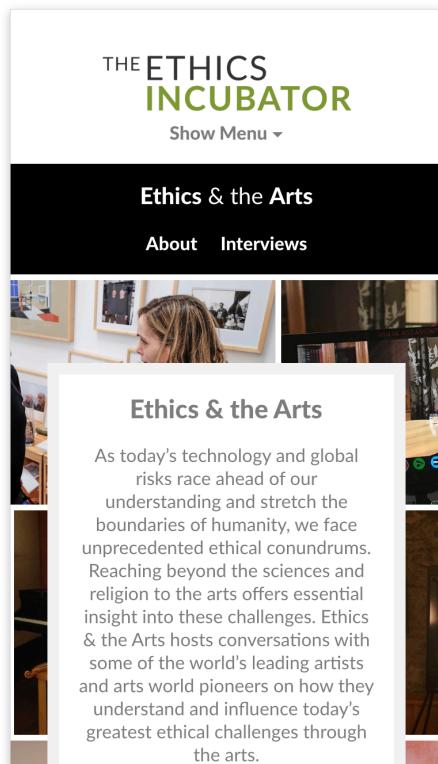
Homepage, mobile

The site is responsive, with a great user experience on mobile.



Mobile nav menu

Visitors can easily navigate on small screens with a mobile-specific nav menu.



Custom Post Type Home, mobile

Left Goat Website

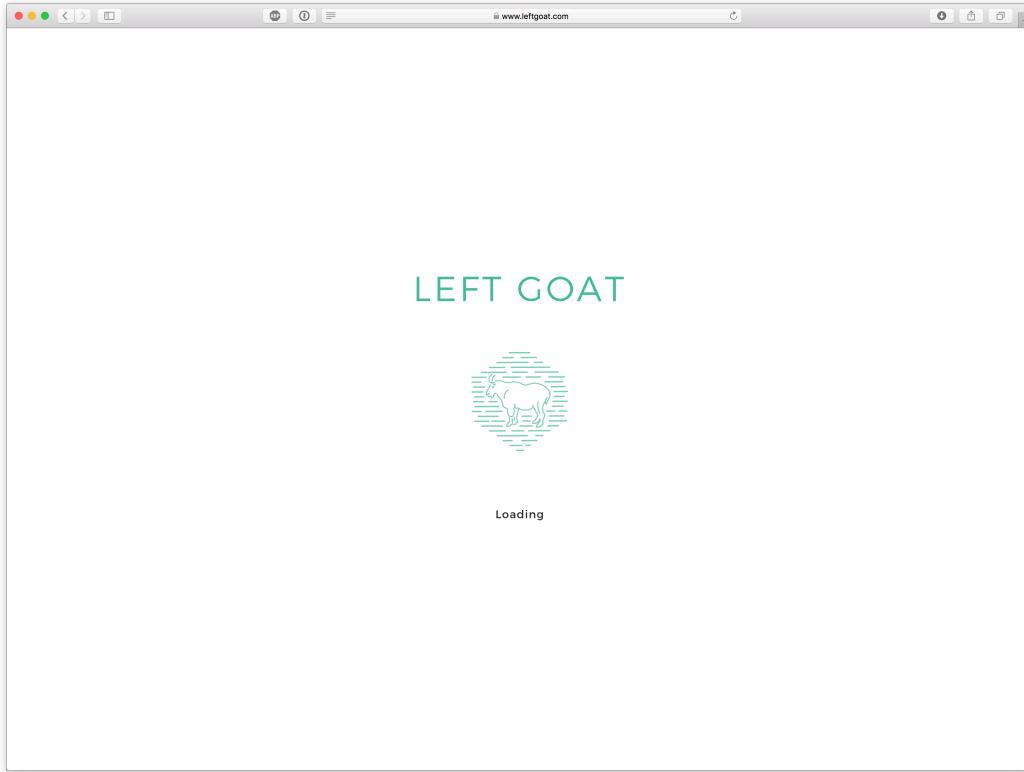
Creative agency marketing website

Left Goat, LLC
9/2016 – 11/2016

 Web Development

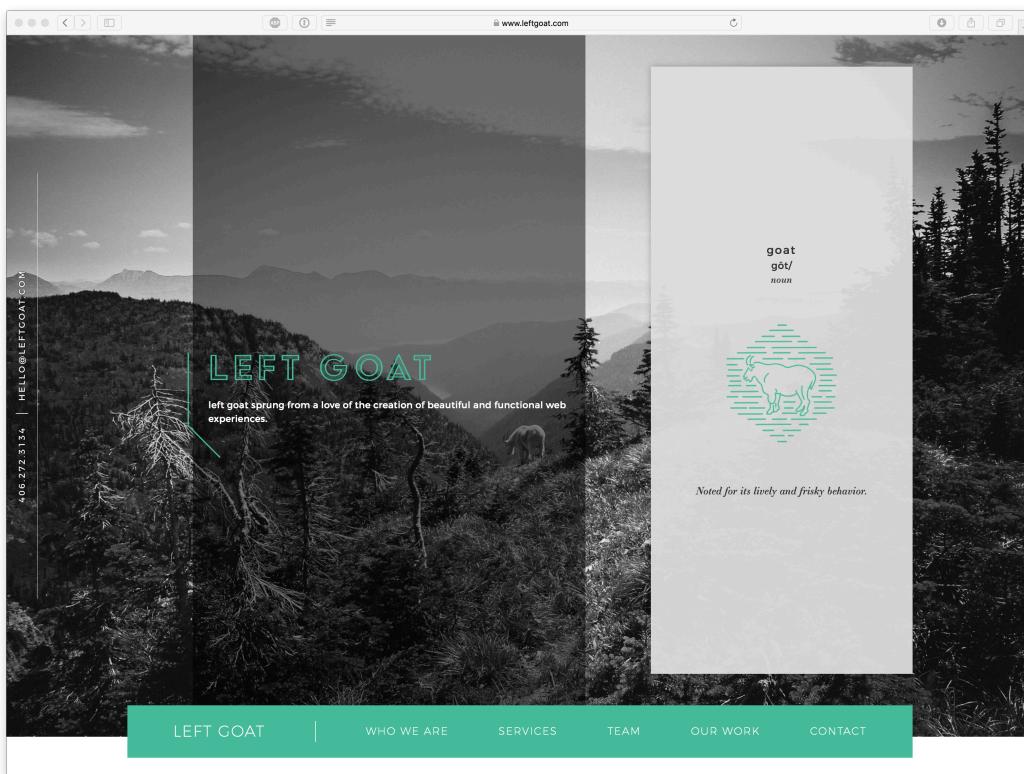
Left Goat is a creative collaboration between myself and three colleagues to consult on and produce web and design projects at a larger scope than we could individually. Our marketing website was designed as a single-page scrolling site with a dynamic and interactive visitor experience. I was the developer for the site and created a custom WordPress theme with the markups, style and functionality code, which I then deployed to a WordPress installation hosted on DigitalOcean. Front-end assets are bundled with Webpack, with styles preprocessed by PostCSS/cssnext.

Repository: <https://github.com/codyml/leftgoat-dot-com>



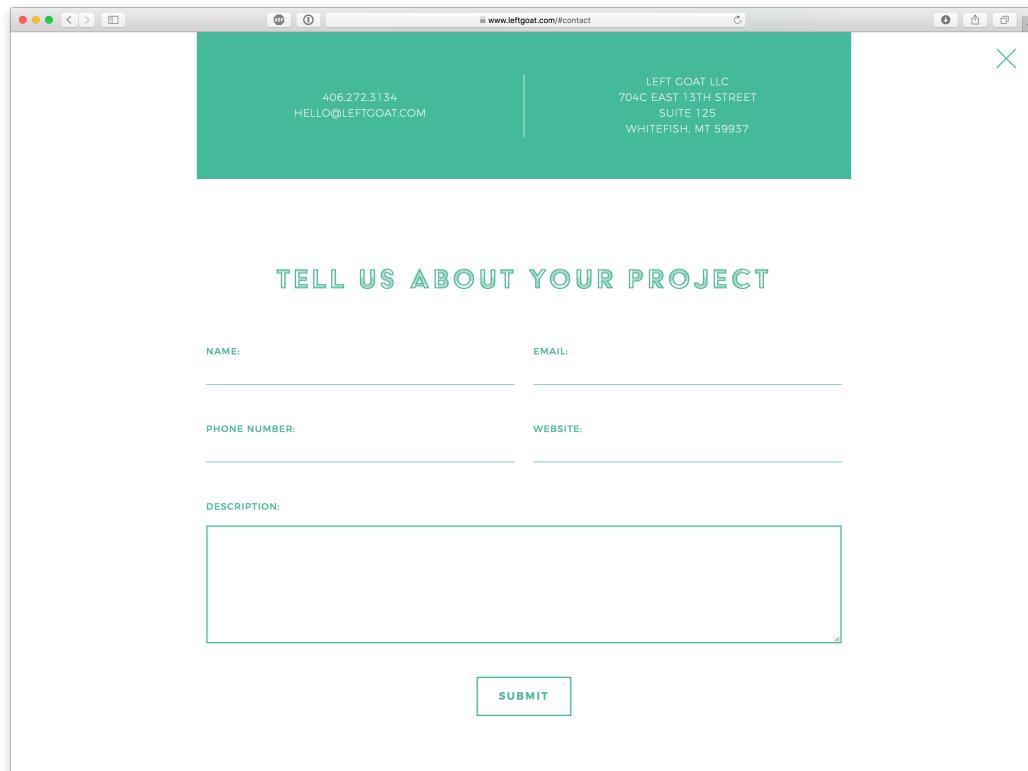
Loading Sequence

A dynamic loading sequence tracks the download of large assets, only revealing the underlying page when fully rendered. *Site design by Holly Mandarich <h.mandarich@gmail.com>.*



First Look

Once loading is finished, the visitor sees this initial view. The navigation bar remains floating at the top of the page while scrolling for easy navigation.



406.272.3134
HELLO@LEFTGOAT.COM

LEFT GOAT LLC
704C EAST 13TH STREET
SUITE 125
WHITEFISH, MT 59937

TELL US ABOUT YOUR PROJECT

NAME: _____

EMAIL: _____

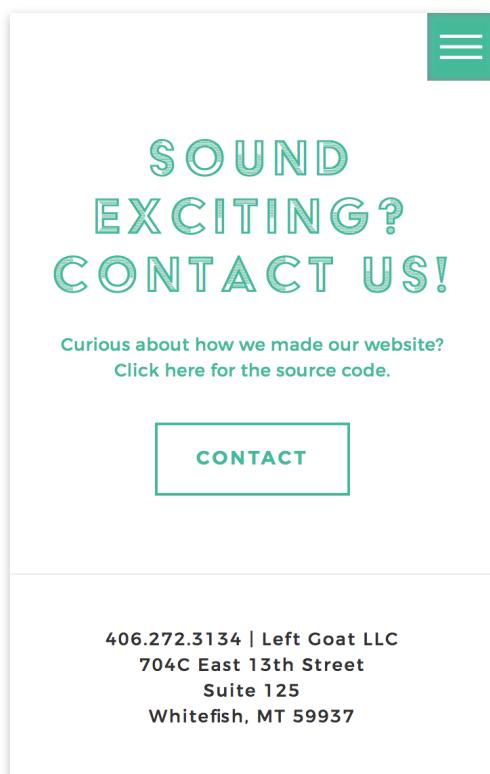
PHONE NUMBER: _____

WEBSITE: _____

DESCRIPTION:

SUBMIT

Contact Form



SOUND
EXCITING?
CONTACT US!

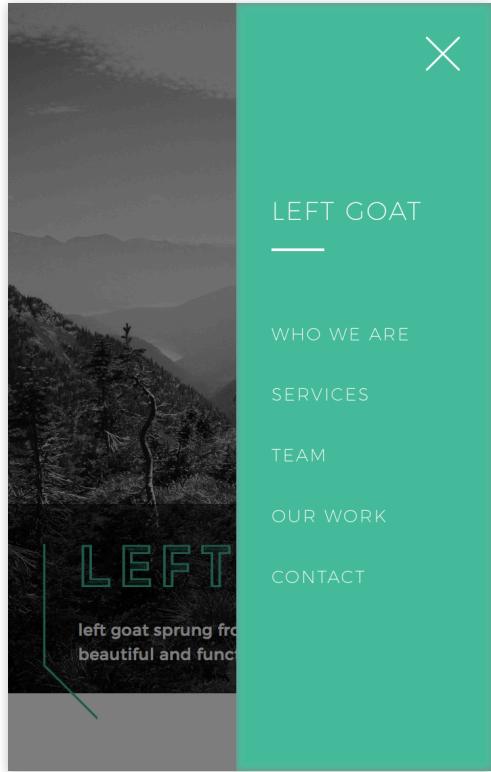
Curious about how we made our website?
Click here for the source code.

CONTACT

406.272.3134 | Left Goat LLC
704C East 13th Street
Suite 125
Whitefish, MT 59937

Contact Form Button, mobile

The site is built mobile-first and is fully responsive with a great experience at all screen sizes.

**Mobile Nav Menu**

Navigation is easy on small screens with the site's slide-out nav menu.

The Grand Tour Project

Web application for exploring database of historical travelers

Center for Spatial and Textual Analysis (CESTA) - Stanford University
9/2015 – 12/2018



Project Management



Web Design



Web Development

The Grand Tour Project is a scholarly research project by Professor Giovanna Ceserani (Stanford University) to publish and analyze a searchable digital version of a dictionary of entries of British and Irish travelers to Italy during the Enlightenment. Products of the research include a web application, the Grand Tour Explorer, which offers advanced searching and transformation tools for the digitized database, and an online scholarly publication.

I joined the project as a secondary developer on the Grand Tour Explorer web application after initial development had already been completed. I began with small bug fixes and feature additions and later took over as lead developer for the application, designing and implementing larger features and changes including more powerful search tools, D3.js visualizations of entries, rich text support for entry text, references between entries, the ability to create lists of entries, and an editing interface for entry content. My work eventually involved rewriting the majority of the original application code, including engines to import and parse entry content from outside sources, edit, transform and render entry content in the application, and export entry content.

The application is a Node.js/Express server deployed to Heroku with a REST API-driven AngularJS front-end application. Visualizations use D3.js and the application makes extensive use of the Google Sheets API.

I also created a design for the final scholarly publication, which will be published as an online book integrated with the Grand Tour Explorer web application.

Project website: <https://grandtour.stanford.edu>

The screenshot shows the search interface for 'Padua'. On the left, there are several search filters: 'Full name', 'Born', 'Died', 'Employments and Identifiers', 'Occupations & Posts', 'Military careers', and 'Societies & Academies'. The main search results area shows 1077 results for 'travel place Padua'. The results list includes entries for John Farr Abbot, William Adair, James Adam, Robert Adam, Lady Mary Adams, and Joseph Addison, each with a brief description and a checkbox. At the top of the results page, there are buttons for 'select all', 'deselect all', 'add selected entries to list', 'sort by...', 'entries per page', and 'export results'.

Grand Tour Explorer Search Results

Multifaceted search tools support complex queries for traveler entries. *Grand Tour Explorer* design by Giorgio Caviglia <giorgio.caviglia@gmail.com>, except for components specified below.

The screenshot shows a detailed view of a traveler entry for 'Charles Abbot'. The entry includes fields for 'Alternate Names' (1st Baron Colchester), 'Born' (1757), 'Died' (1829), 'Parents' (John Abbot of Colchester, Essex, and Sarah, later Mrs Bentham), 'Marriages' (Elizabeth Gibbes (1796)), 'Occupations & Posts' (Statesmen and Political Appointees), and 'Member of Parliament' (1795-1817). To the right of the entry details is a map of Italy with a blue dot representing Naples. Below the map is a table for 'Tour 1' from 1788/1788, showing travel from Dover to Naples via Turin, Genoa, and Leghorn. There is also a 'Rearrange' button.

Grand Tour Explorer Entry

Each traveler entry contains many fields of data, many of which link to other entries or collections of entries.

Editing Entry Index: 0

Browsing within results. Back to Results Browse all entries

Charles Abbot

Alternate Names

ABBOT, CHARLES (1757-1829), 2nd s. of John Abbot of Colchester, Essex, and Sarah, later Mrs Bentham; educ. Westminster and Ch. Ch. Oxf. 1775; M. Temple, called 1783; L. Inn 1785; MP 1795-1817; m. 1796 Elizabeth Gibbes; cr. B. Colchester 1817.

Dates

birthDate: 1757 clear deathDate: 1829 clear flourishedStartDate: (empty) flourishedEndDate: (empty)

Places

[London, 4 Nov.]

Parents

order: 2nd clear parents: John Abbot of Colchester, Essex, and Sarah, later Mrs Bentham clear heir: false clear pupil: false clear surviving: false clear posthumous: false clear illegitimate: false clear

Travels

Dover: from 1788/8/26 to 1788/8/26 edit delete Turin: from 1788/9/10 to 1788/9/10 edit delete Genoa: from 1788/9/13 to 1788/9/13 edit delete Leghorn: from 1788/9 to 1788/9 edit delete Pisa: from 1788/9 to 1788/9 edit delete Florence: from 1788/9/15 to 1788/9/18 edit delete Perugia: from 1788/9/20 to 1788/9/20 edit delete Narni: from 1788/9 to 1788/9 edit delete Rome: from 1788/9/21 to 1788/9/28 edit delete Naples: from 1788/9/30 to 1788/10/6 edit delete Rome: from 1788/10/7 to 1788/10/10 edit delete Siena: from 1788/10/11 to 1788/10/11 edit delete

Grand Tour Explorer Entry Edit

An editing interface lets administrators easily modify database content. *Editor design by Cody Leff.*

Editing Entry Index: 0

Browsing within results. Back to Results Browse all entries

Charles Abbot

Alternate Names

ABBOT, CHARLES (1757-1829), 2nd s. of John Abbot of Colchester, Essex, and Sarah, later Mrs Bentham; educ. Westminster and Ch. Ch. Oxf. 1775; M. Temple, called 1783; L. Inn 1785; MP 1795-1817; m. 1796 Elizabeth Gibbes; cr. B. Colchester 1817.

Dates

birthDate: 1757 clear deathDate: 1829 clear flourishedStartDate: (empty) flourishedEndDate: (empty)

Places

[London, 4 Nov.]

Parents

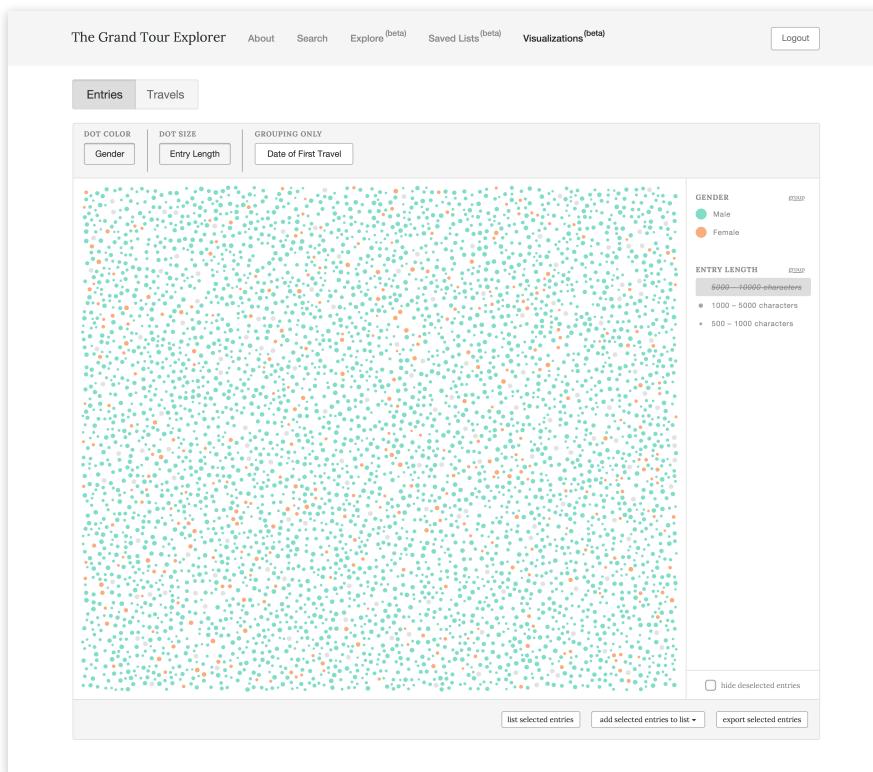
order: 2nd clear parents: John Abbot of Colchester, Essex, and Sarah, later Mrs Bentham clear heir: false clear pupil: false clear surviving: false clear posthumous: false clear illegitimate: false clear

Travels

Dover: from 1788/8/26 to 1788/8/26 edit delete Turin: from 1788/9/10 to 1788/9/10 edit delete Genoa: from 1788/9/13 to 1788/9/13 edit delete Leghorn: from 1788/9 to 1788/9 edit delete Pisa: from 1788/9 to 1788/9 edit delete Florence: from 1788/9/15 to 1788/9/18 edit delete Perugia: from 1788/9/20 to 1788/9/20 edit delete Narni: from 1788/9 to 1788/9 edit delete Rome: from 1788/9/21 to 1788/9/28 edit delete Naples: from 1788/9/30 to 1788/10/6 edit delete Rome: from 1788/10/7 to 1788/10/10 edit delete Siena: from 1788/10/11 to 1788/10/11 edit delete

Grand Tour Explorer Entry Edit Modal

Compound fields are edited with modals.



Visualization

A prototype for a visualization represents entries as dots, with size and color determined by different facets of entry data. *Visualization design by Cody Leff.*

A World Made by Travels: Digitizing the Grand Tour
Giovanna Ceserani

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Preface and Acknowledgments

I. Introduction: from archives and Dictionary in print to an interactive digital database

II. Presenting the Data

III. The Grand Tour Explorer

- Explanation of the Tool
- Search, Explore, View and List

IV. British Travelers in Italy in the Eighteenth Century

Epilogues

BOOKMARKS

EXPLORER

aliquet convallis, arcu leo venenatis elit, eu posuere metus neque et mi. Pellentesque euismod posuere mauris, vel faucibus lectus faucibus eu. Fusce at viverra tortor. Curabitur gravida erat ut dui vulputate, pulvinar dignissim nibh sodales. Phasellus blandit faucibus ultrices. Sed et nibh id massa semper mollis consequat sed nulla. Nulla lacinia gravida elit, sed pharetra mi egestas quis.

Suspendisse et arcu consectetur, pharetra ante congue, lacinia arcu. Mauris at erat et lacus porttitor eleifend accumsan sit amet metus. Donec hendrerit non mi ac efficitur.

Intermediate Title

Donec ac odio non sem elementum tincidunt. [Open this in the Explorer →](#) Nunc ullamcorper, mauris vel tempus imperdiet, est tellus laoreet ipsum, vitae lobortis nibh ligula in est. Proin ultricies tristique mi, non dapibus purus.

fullName: ac odio non sem elementum tincidunt.

Donec elementum risus nec diam tincidunt placerat. Duis sed fermentum nibh. Vestibulum tempor urna ac lacus fringilla malesuada. Aenean sagittis tellus in magna tristique, ac accumsan ex finibus. Suspendisse sit amet justo metus. Nunc ullamcorper fringilla molestie.

IV. British Travelers in Italy in the Eighteenth Century

a. A GTE big picture of the Grand Tour: who travelled where

Book

The design for the online book scholarly publication of the Grand Tour Project provides a distraction-free reading experience with easy navigation and useful tools. *Book design by Cody Leff.*

The Grand Tour Book Title, which Continues for Several Lines
Giovanna Ceserani

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BOOKMARKS

EXPLORER

https://grand-tour-explorer-url.com/entries/5120

Open in Full Explorer

The Grand Tour Explorer About Search Explore (beta) Saved Lists (beta) Reader Logout

Clear all

fullName abbot

5 results

Charles Abbot

ABBOT, CHARLES (1757-1829), 2nd s. of John Abbot of Colchester, Essex, and Sarah, later Mrs Bentham; educ. Westminster and Ch.Ch. Oxf. 1775; M.Temple, called 1783; L.Inn 1785; MP 1795-1817; m. 1796 El ...

John Farr Abbot

ABBOT, JOHN FARR (c.1756-94), e. s. of John Abbot of Colchester, Essex; m. 1786 Mary Pearce (c.1762-92); clerk of the rules King's Bench 1790-4; see Sarah Bentham. ...

Employments and identifiers

Book with Explorer

Readers can easily access the Grand Tour Explorer from the book.

A World Made by Travels: Digitizing the Grand Tour
Giovanna Ceserani

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BOOKMARKS

A bookmark This is a long bookmark...

NEW BOOKMARK

EXPLORER

New Bookmark
Section 3, Subsection 3

name: New bookmark: S3, SS3

CANCEL CREATE →

Donec elementum risus nec diam. In nec diam. Sed fermentum nibh. Vestibulum tempor urna ac lacus fringilla malesuada. Aenean sagittis tellus in magna tristique, ac accumsan ex finibus. Suspendisse sit amet justo metus. Nunc ullamcorper fringilla molestie.

4. Fourth Section Title

a. First Subsection Title

Aenean vel erat vitae ex vulputate dictum. Duis et neque vitae justo ultrices ultrices. In aliquam leo eu diam tristique, id bibendum mauris pellentesque. Aliquam ut diam id tellus vestibulum ornare. Donec ac odio non sem elementum tincidunt. Nunc ullamcorper mauris vel tempus imperdiet, est tellus laoreet ipsum, vitae lobortis nibh.

Book with New Bookmark Modal

Readers can create bookmarks for later access.

A World Made by Travels: Digitizing the Grand Tour
Giovanna Ceserani

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BOOKMARKS

A bookmark This is a long bookma... New bookmark: S3, S... NEW BOOKMARK

aliquet convallis, arcu leo venenatis elit, eu posuere metus neque et mi. Pellentesque euismod posuere mauris, vel faucibus lectus faucibus eu. Fusce at viverra tort. Curabitur gravida erat ut dui vulputate, pulvinar dignissim nibh sodales. Phasellus blandit faucibus ultrices. Sed et nibh id massa semper mollis consequat sed nulla. Nulla lacinia gravida elit, sed pharetra mi egestas quis.

Suspendisse et arcu consectetur, pharetra ante congue, lacinia arcu. Mauris at erat et lacus porttitor eleifend accumsan sit amet metus. Donec hendrerit non mi ac efficitur.

B

Intermediate Title

Donec ac odio non sem elementum tincidunt. [Open this in the Explorer →](#). Nunc ullamcorper, mauris vel tempus imperdier, est tellus laoreet ipsum, vitae lobortis nibh ligula in est. Proin ultricies tristique mi, non dapibus purus.

fullName: ac odio non sem elementum tincidunt.

Donec elementum risus nec diam tincidunt placerat. Duis sed fermentum nibh. Vestibulum tempor urna ac lacus fringilla malesuada. Aenean sagittis tellus in magna tristique, ac accumsan ex finibus. Suspendisse sit amet justo metus. Nunc ullamcorper fringilla molestie.

4. Fourth Section Title

a. First Subsection Title

EXPLORER

Book with Bookmark

Bookmarks = appear inline while reading.

aliquet convallis, arcu leo venenatis elit, eu posuere metus neque et mi. Pellentesque euismod posuere mauris, vel faucibus lectus faucibus eu. Fusce at viverra tort. Curabitur gravida erat ut dui vulputate, pulvinar dignissim nibh sodales. Phasellus blandit faucibus ultrices. Sed et nibh id massa semper mollis consequat sed nulla. Nulla lacinia gravida elit, sed pharetra mi egestas quis.

Suspendisse et arcu consectetur, pharetra ante congue, lacinia arcu. Mauris at erat et lacus porttitor eleifend accumsan sit amet metus. Donec hendrerit non mi ac efficitur.

Intermediate Title

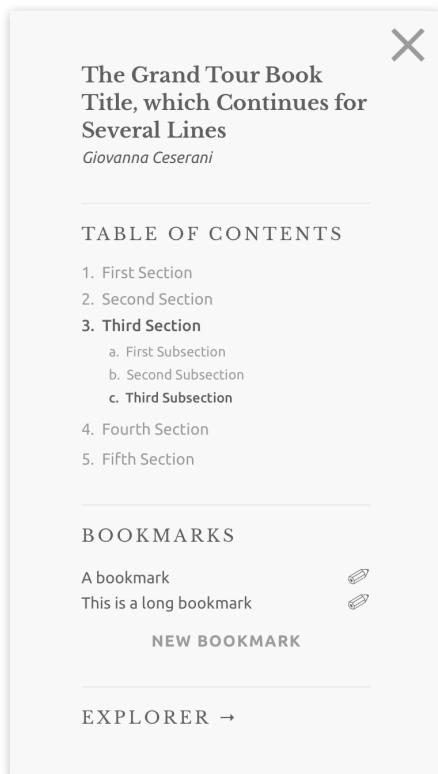
Donec ac odio non sem elementum tincidunt. [Open this in the Explorer →](#). Nunc ullamcorper, mauris vel tempus imperdier, est tellus laoreet ipsum, vitae lobortis nibh ligula in est. Proin ultricies tristique mi, non dapibus purus.

4. Fourth Section Title

a. First Subsection Title

Book, mobile

Readers can easily browse and create bookmarks from small screens.

**Book, mobile nav expanded**

Readers can navigate to different parts of the book and create bookmarks from small screens using a mobile nav menu.