





A CAUTION

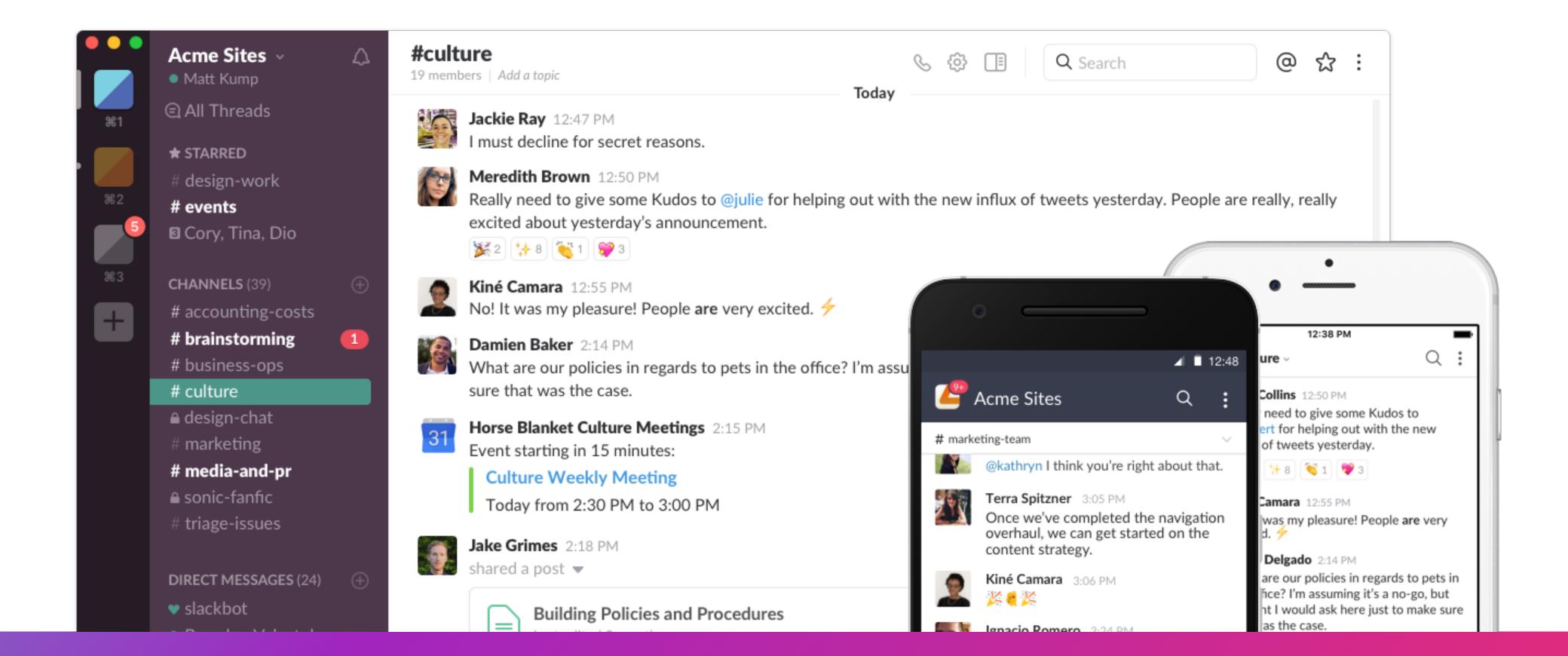
MAY CONTAIN POLITICS



Hi, I'm Mina

mina.codes 🔰 @minamarkham















Sign in / Sign up



Mina Markham Follow
@minamarkham / am: Senior Engineer @SlackHQ ¶ was: Pantsuit Seamstress @HFA, @ibmdesign ¶ ...
Aug 31, 2016 · 5 min read

Pantsuit: The Hillary Clinton UI pattern library

Building a (presidential) design system



An 18-month, nationally televised hackathon

- Broke the homepage of <u>hillaryclinton.com</u>
- Launched a site for oppositional content
- Built design system used by dozens of apps
- Created a dashboard for caucus data
- Led effort for accessibility compliance
- Implemented redesign of <u>hillaryclinton.com</u>
- Helped build a custom CMS for new site
- Ran tech talk series
- Had the time of my life

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[insert email joke here]

3/16/15 to mina 🔻 Mina, I got your name from and wanted to reach out. I am looking for candidates who would be interested in a long term front end dev role. It is for a social good issue and the role would be leading a team of other devs to build a site, microsites, think mobile first, and someone who can work across teams to manage, design and implement a great UX experience for millions and millions of people. Love to talk more if you are open to a conversation and I can explain more on the phone.

Let me know. Cheers,



April 17, 2015

Dear Mina Markham,

On behalf of Hillary for America, I am pleased to offer you the position of Front End Engineer. We are confident that your knowledge, skills, and experience will be among our most valuable assets. Together we will work to give every family, every small business, and every American a path to lasting prosperity. It's larger than each of us – it is about working for everyday Americans who are trying to build a better life for themselves and their families. With this job offer, you will be eligible to receive the following.







Design System? Pattern Library? Styleguide?

Naming things is hard.

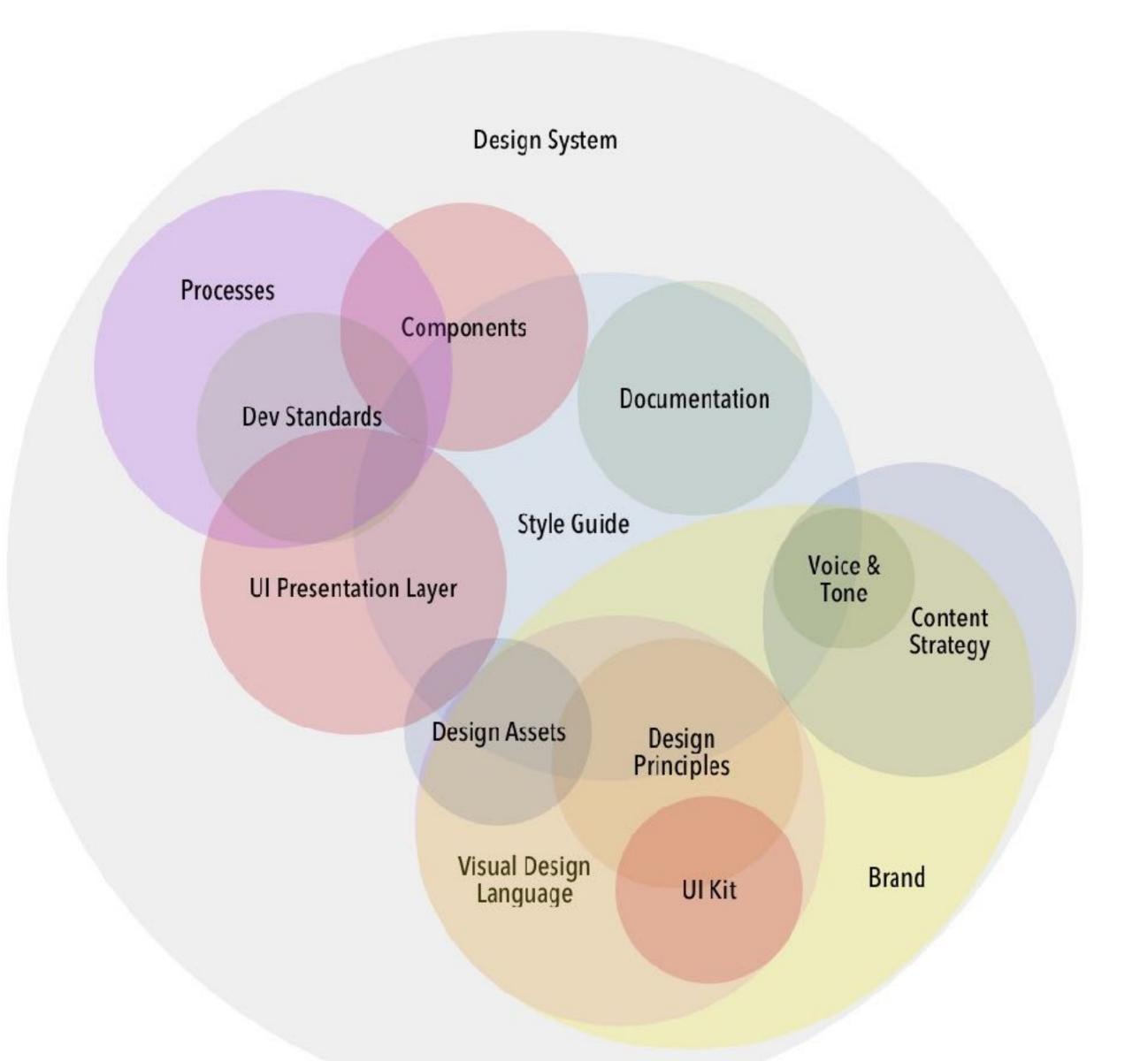
Pattern Library: Library of Ul patterns

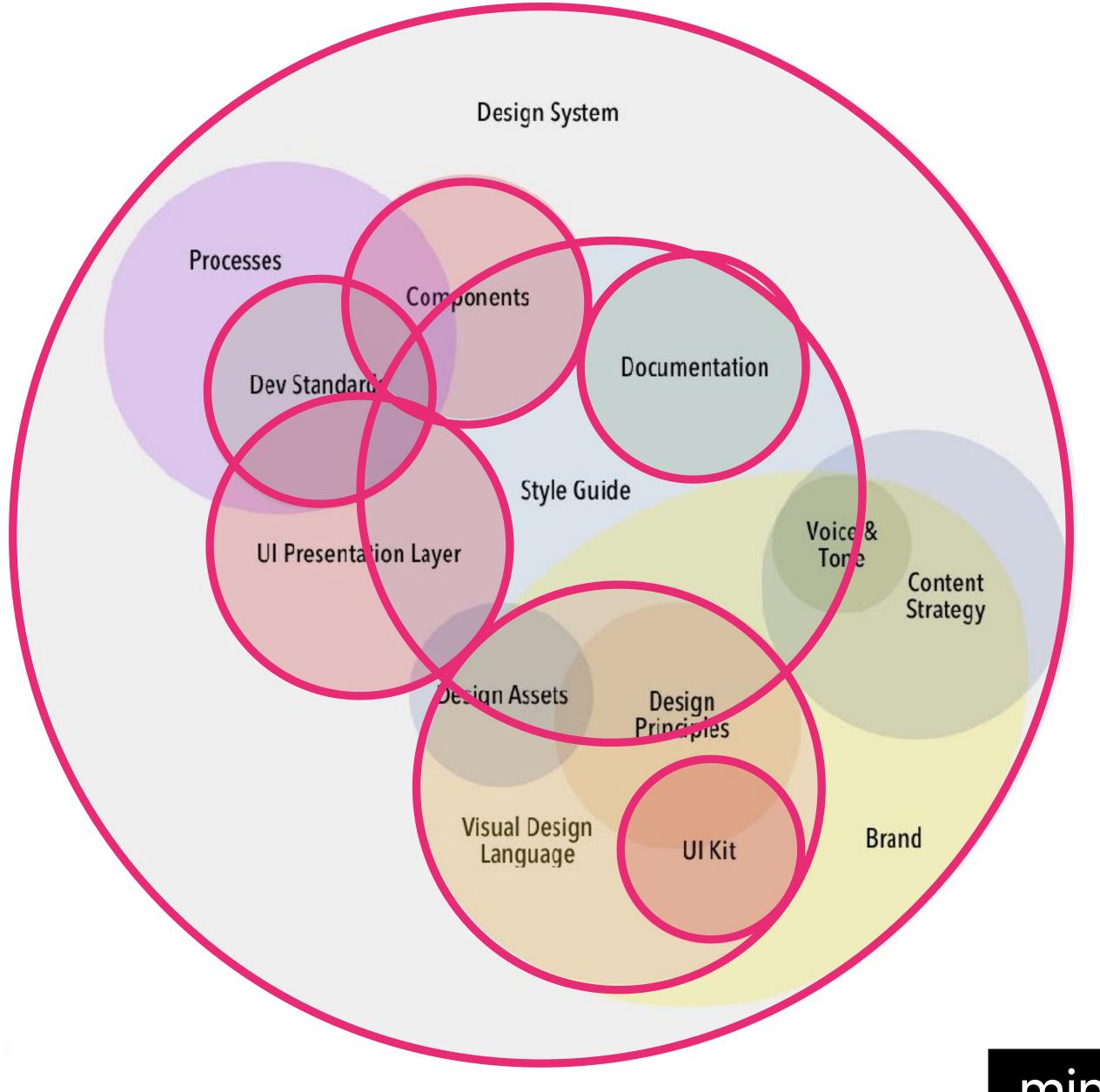
Framework:

The front-end code

Style Guide: The documentation

Design System: All of the above (and more)





mina.so/ds-anatomy



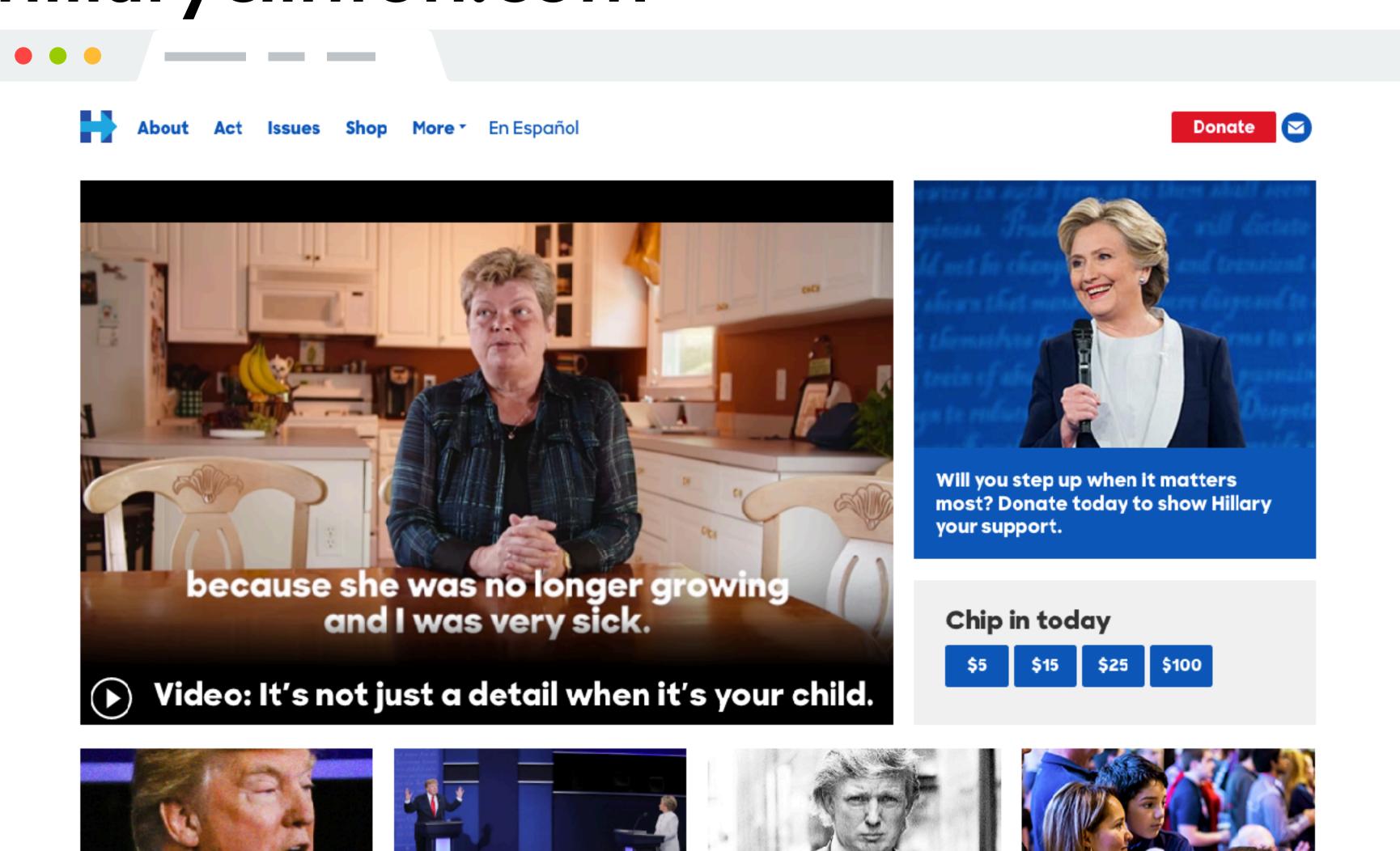
Pantsuit?



Why did we need it?

hillaryclinton.com

hillaryclinton.com





Trump suggested he won't accept the outcome of the



During last night's debate, Donald Trump showed he

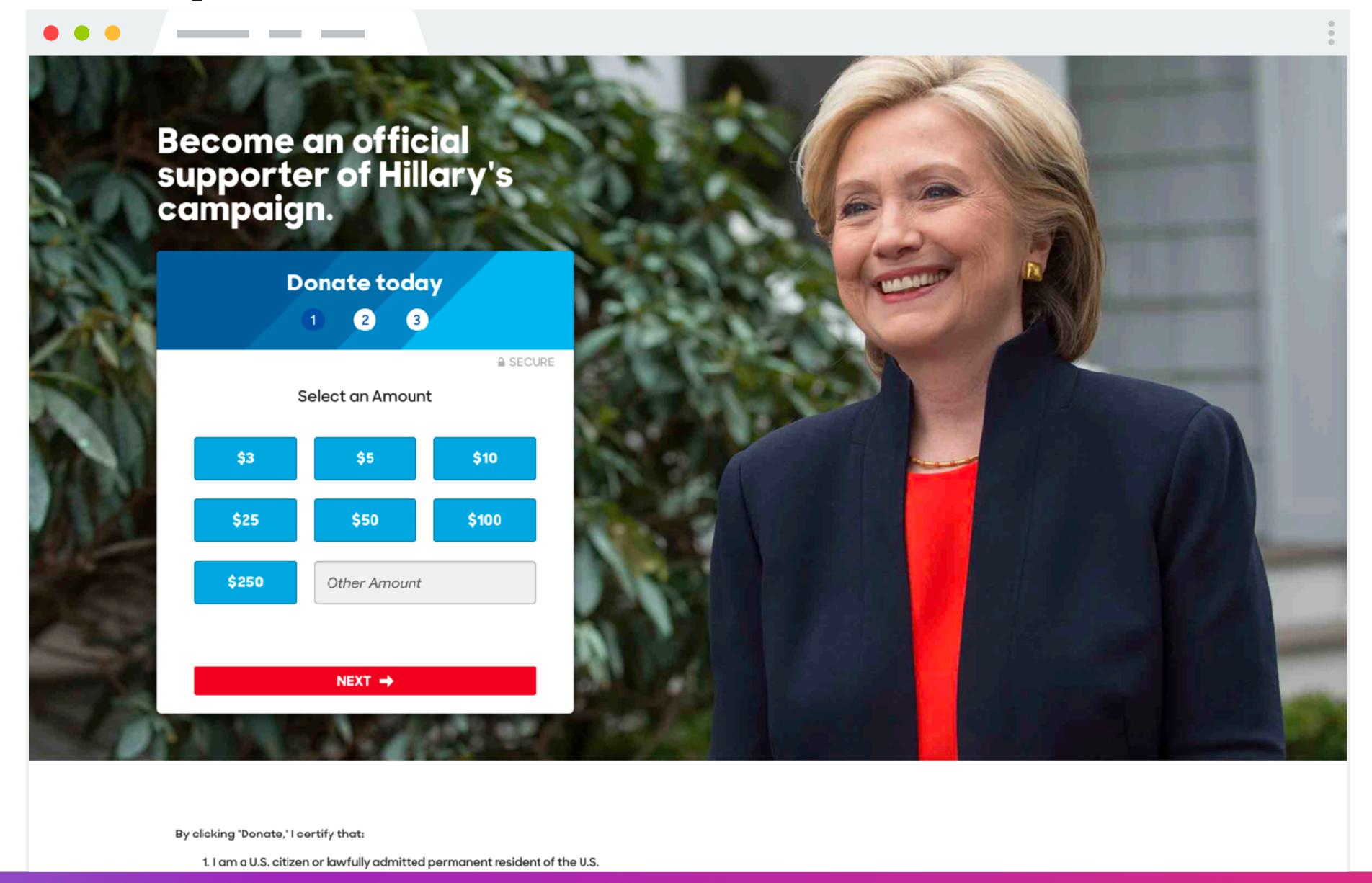


Donald Trump is asking America to hire him for the

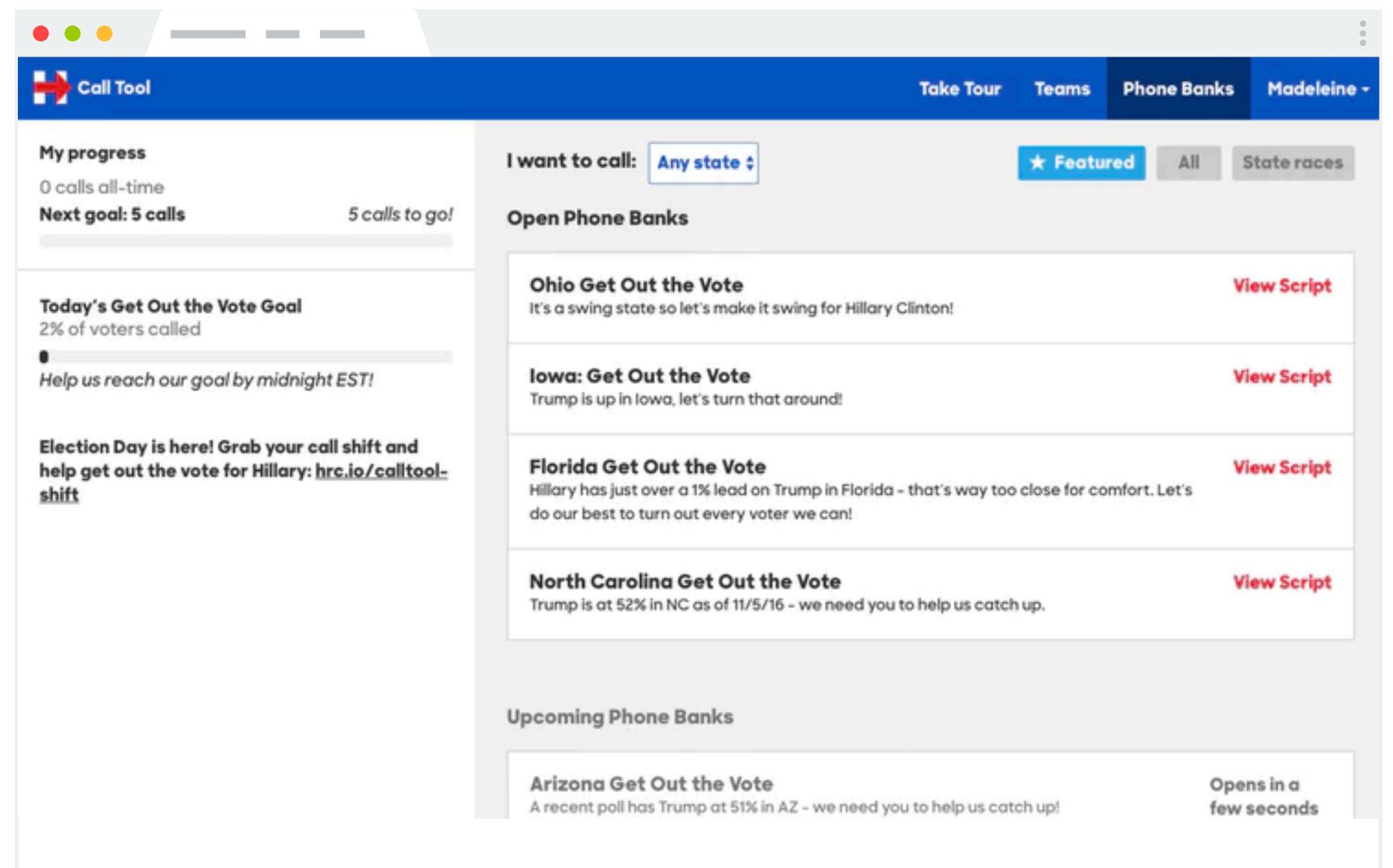


Hillary Clinton and Donald Trump have two distinct

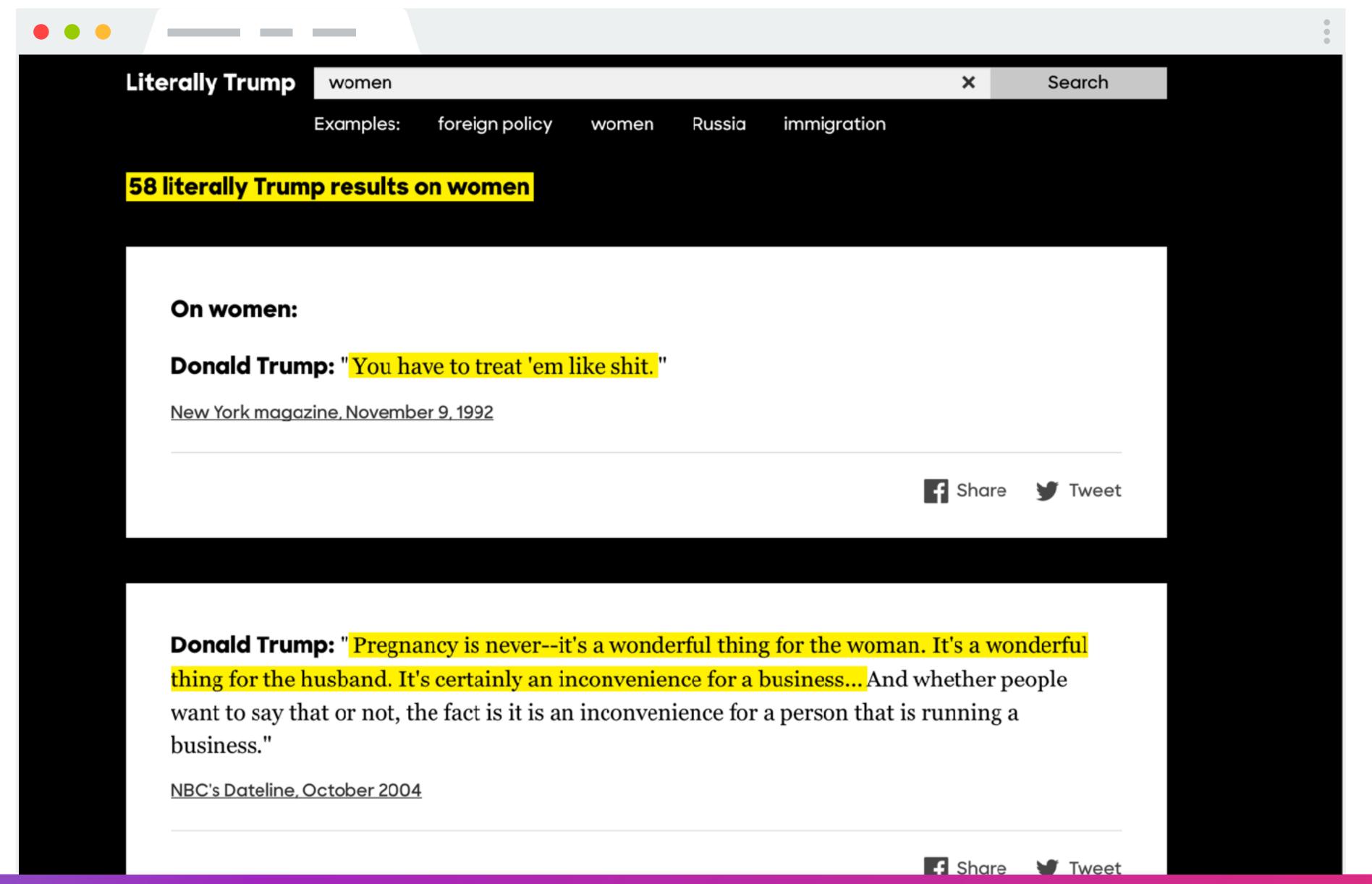
hillaryclinton.com/donate



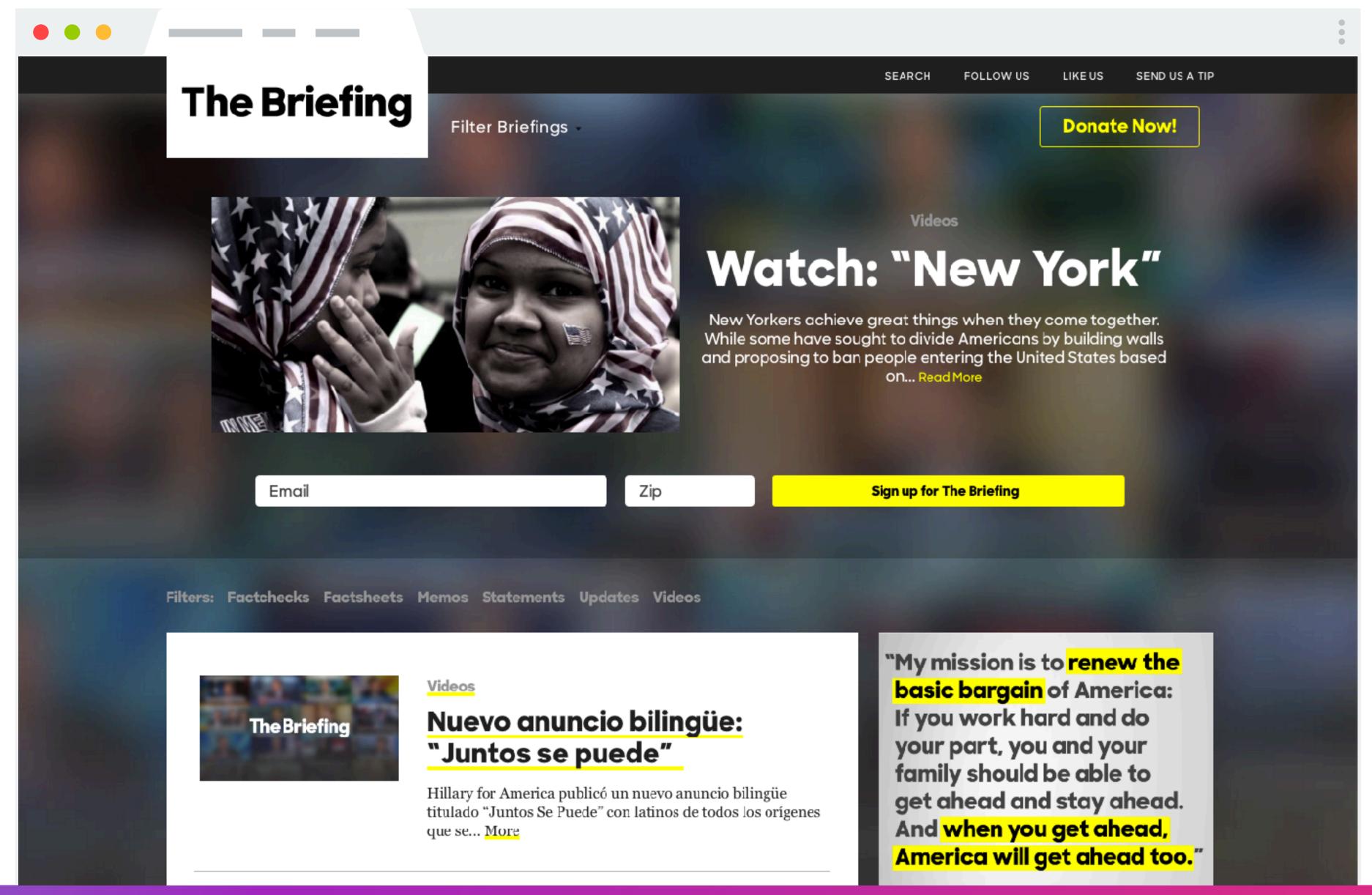
hillaryclinton.com/calls



hillaryclinton.com/literallytrump



hillaryclinton.com/briefing



Multiple codebases. One Ul.

Stakeholders



Content / Storytelling



Fundraising



Organizing



Voter



Engagement



Data Infrastructure



Analytics

Partners



Visual Design



Product Design

<u>Support</u>



Front-End Ops



Team.

Done is better than perfect.



Pantsuit 1.0 ≈ 6 weeks

Technical debt is your "friend"

7 + z-index: 9000001 !important; // TODO: this is terrible



opensourcemike 8 minutes ago

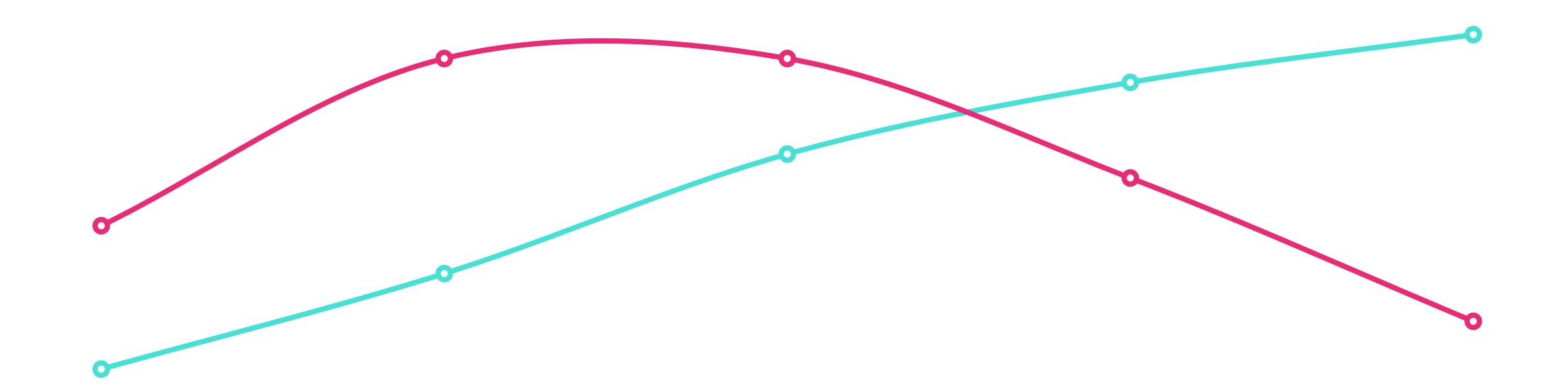
lol



minamarkham just now

am unclean.

As time progressed, maintainability went down and stability went up.



If you don't have technical debt, you're not moving fast enough.

LETT GO.

Anvine

How did you do it?

CSS Audit: Main Site

Based on CSSStats and StyleStats

Hillary for America starts right here | Hillary for America

348 KB 72 KB (Gzipped)

2,335

4,478

5,692
Declarations

135
Properties

Total Declarations

Font Size

Float

Width

Height

Color

Background Color

302

131

365

132

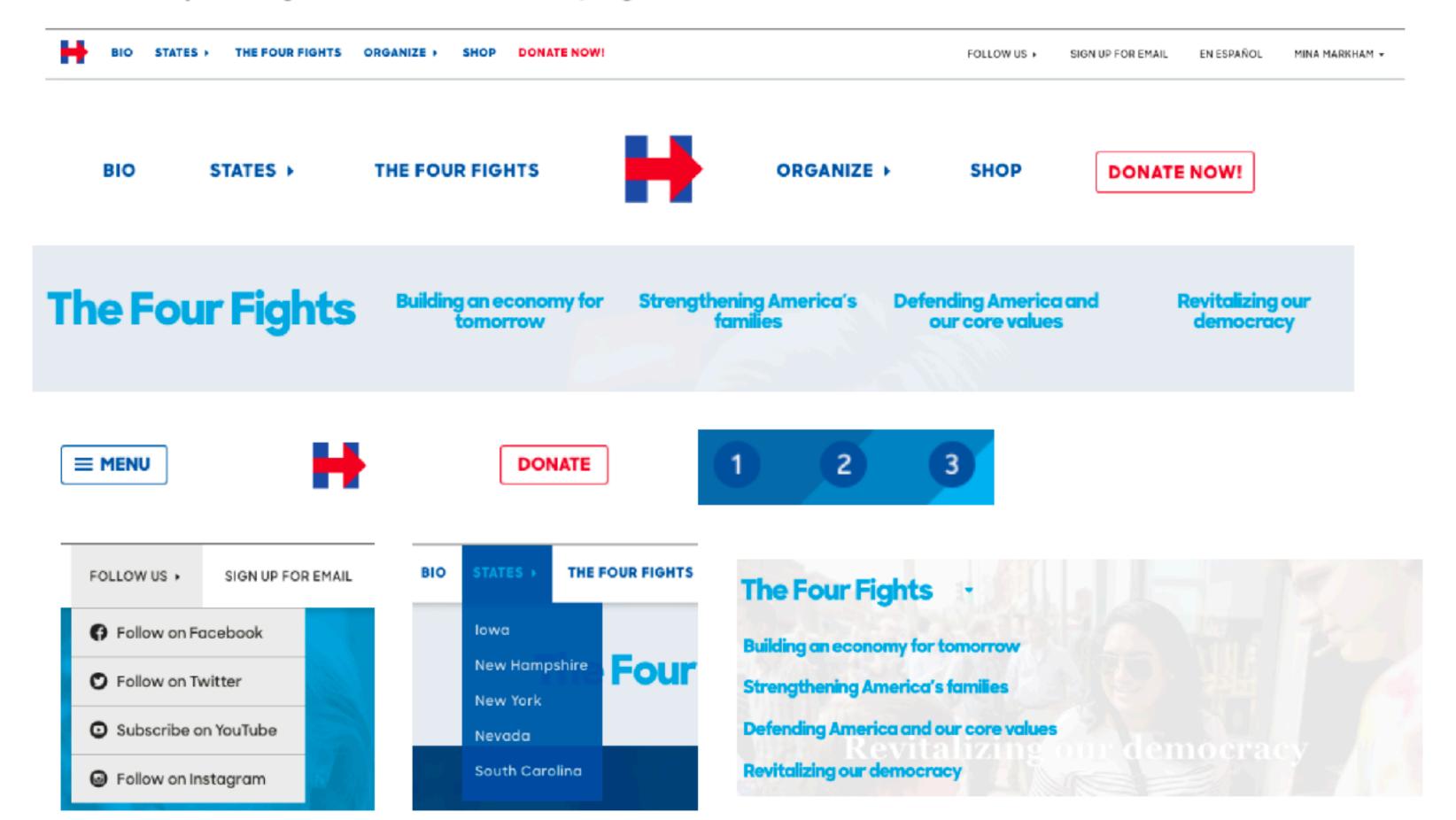
362

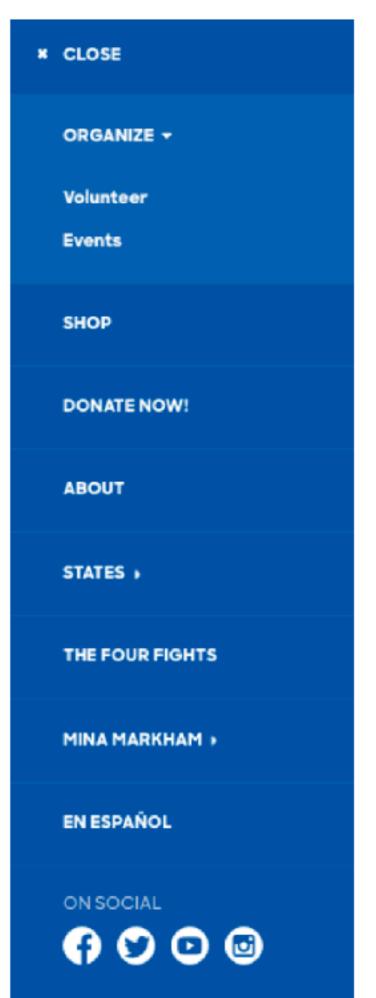
90

http://cssstats.com/stats?url=http%3A%2F%2Fhillaryclinton.com http://www.stylestats.org/results/LbahZGVqo6

Navigation

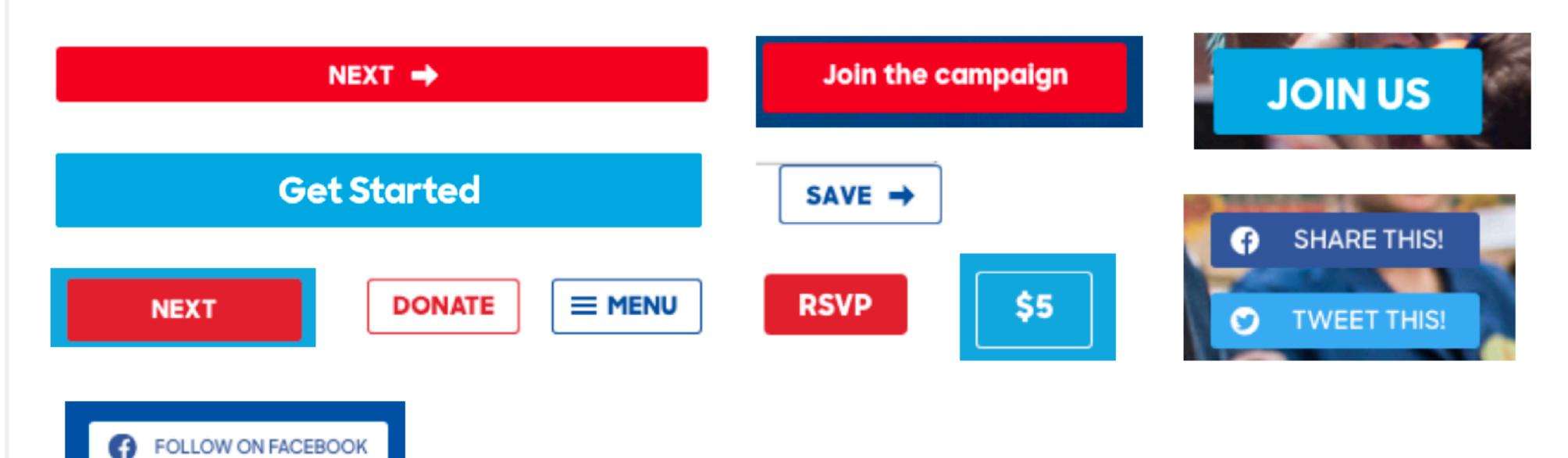
Primary navigation, footer nav, pagination, breadcrumbs, etc





Buttons

Big, small, primary, secondary, progress, etc



Headings

h1, h2, h3, h4, h5, h6 and variations of typographic headings



Join the Campaign.

Become an official supporter of Hillary's campaign.

The deck is stacked for those at the top

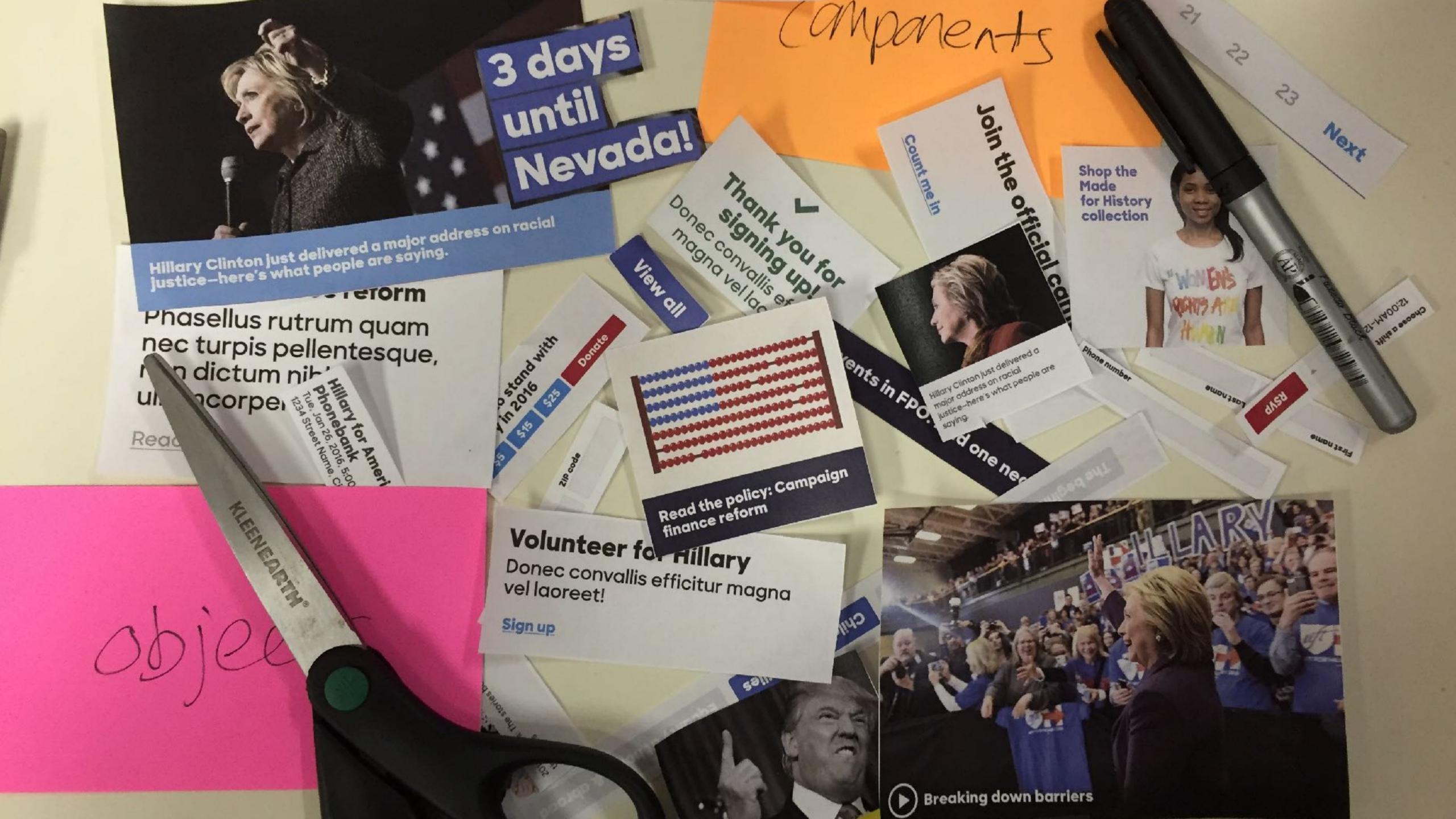
Hillary's economic plan: raise middle class incomes

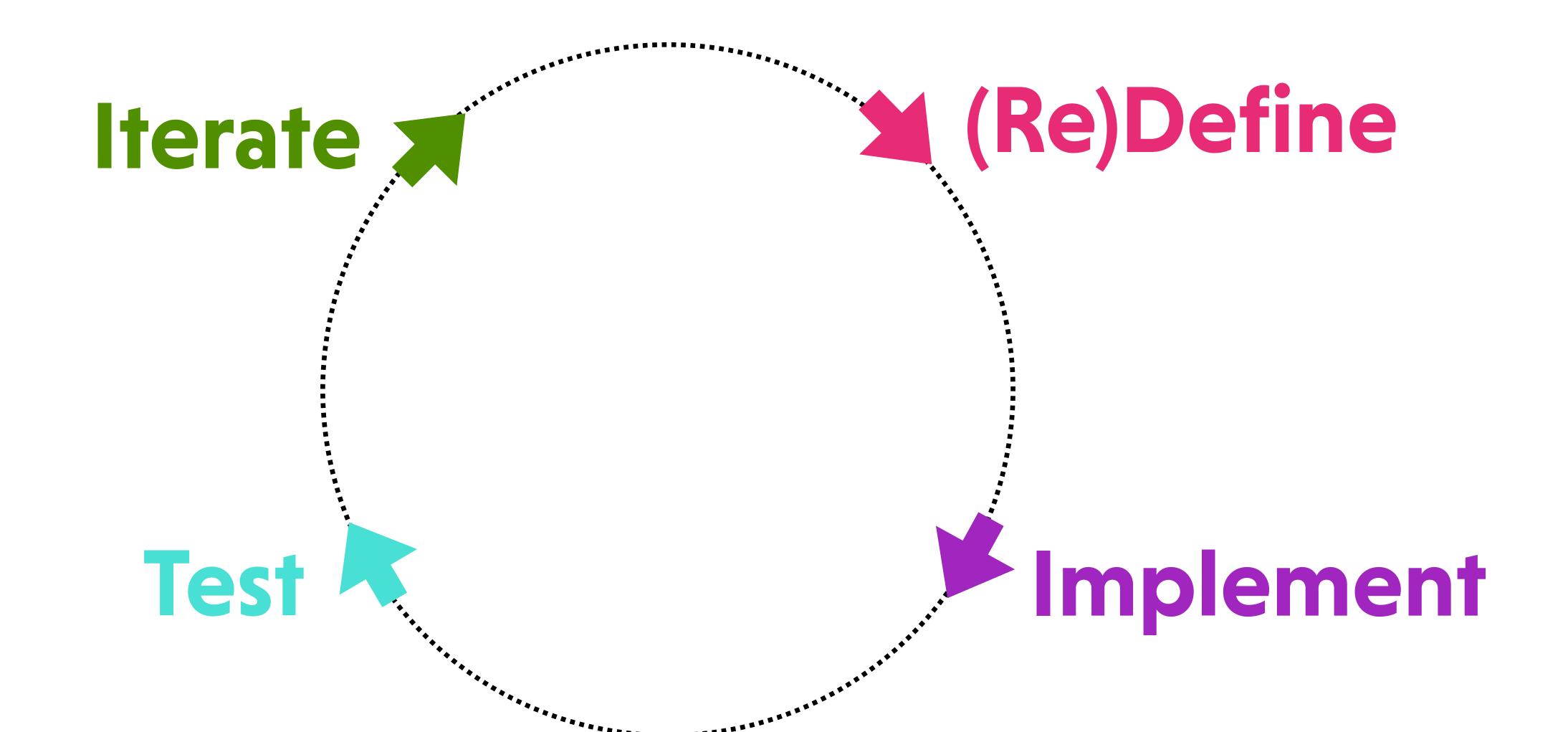
HerStory is Hillary for President

SHARE THIS NOW

Recurring Donations The basic bargain of America







Define







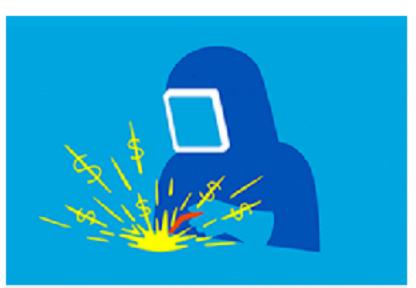


Just launched: With Her, our official campaign podcast. Subscribe and listen to Episode 1: "Hi, Hillary" now.

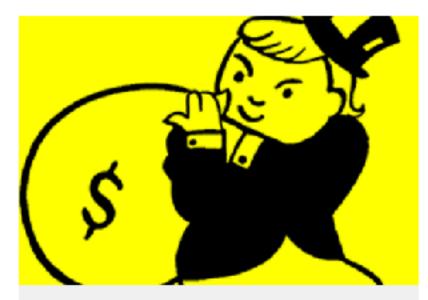
Chip in today

\$25

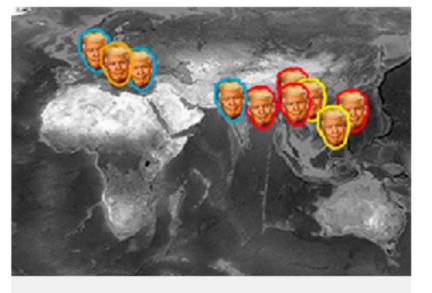
\$100



How many jobs could your state gain (or lose) under each presidential...



4 things you need to know about Donald Trump's "new" economic plan

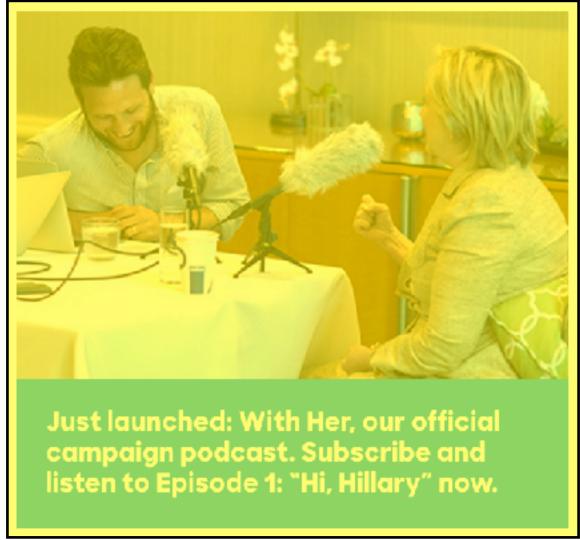


Made in America: A buyer's guide for Donald Trump



8 things you need to know about Tim Kaine, your next vice president





Chip in today

\$5 \$15 \$25 \$100





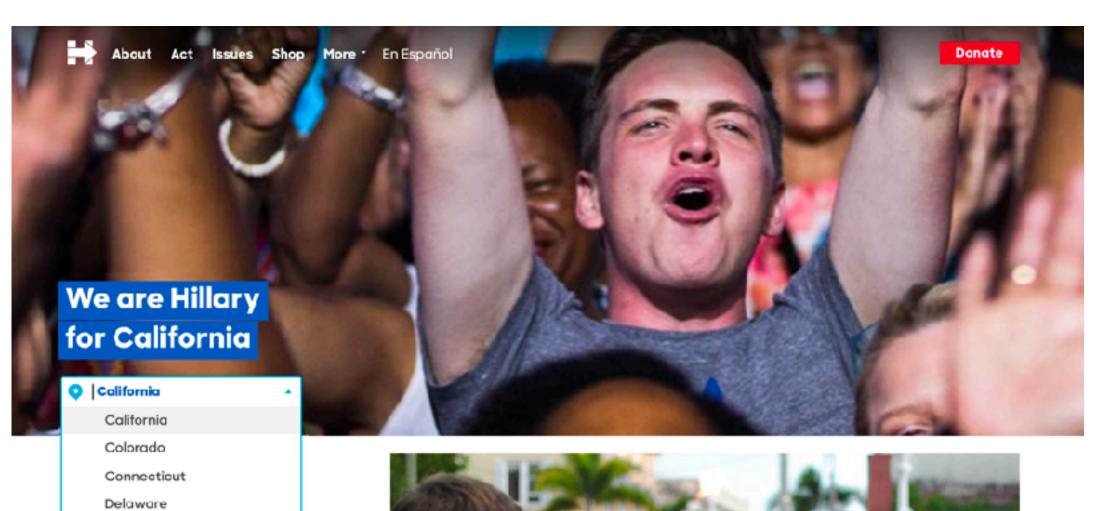




Made in America: A buyer's guide for Donald Trump



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Volunteer for Hillary for America

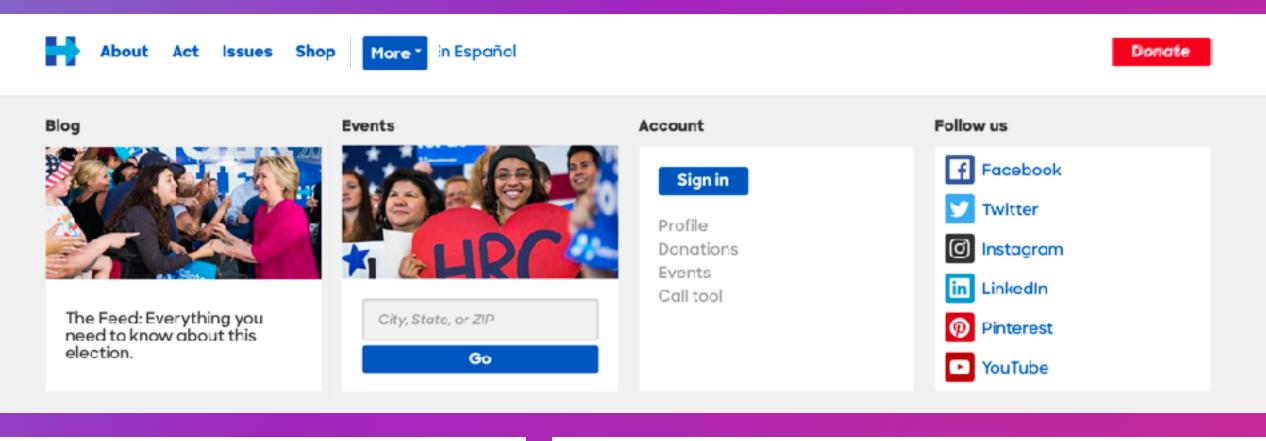
District of Columbia

Florida

There are so many ways to do your part for Hillary. Let's find the one that works best for you.

Go







By pressing "I'm with her," you confirm that you agree to receive regular text messages from Hillary for America. Msg & Data rates may apply. Send STOP to cancel or HELP for help. Terms of service / Privacy policy

Everything you need to know about Hillary and Tim



career fighting for families.





Tim Kaine A lifelong fighter for progressive causes who gets the job done.



"I have seen her judgement, I have seen her toughness, I have seen her commitment to our values up close, and seen her determination to give every American a fair shot at opportunity, no matter how tough the fight was."



HEADLINES

Everything you need to know about Hillary and Tim

HIGHLIGHTS

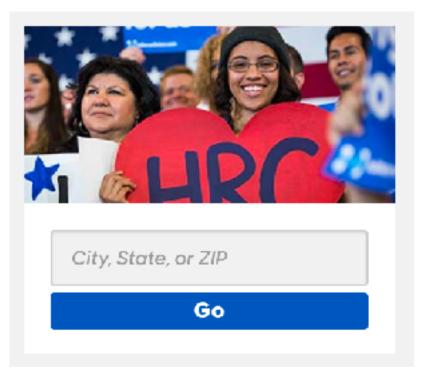


PULLQUOTES

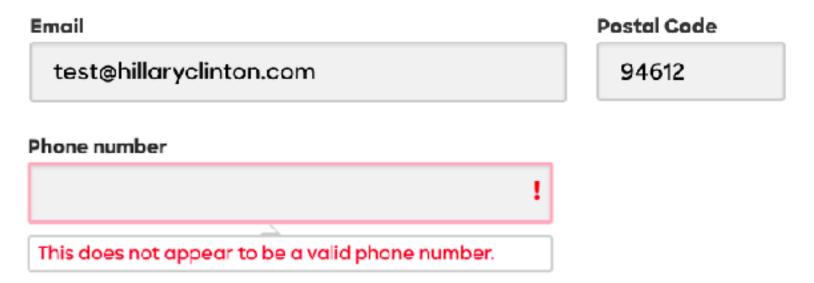
"I have seen her judgement, I have seen her toughness, I have seen her commitment to our values up close, and seen her determination to give every American a fair shot at opportunity, no matter how tough the fight was."

CARDS

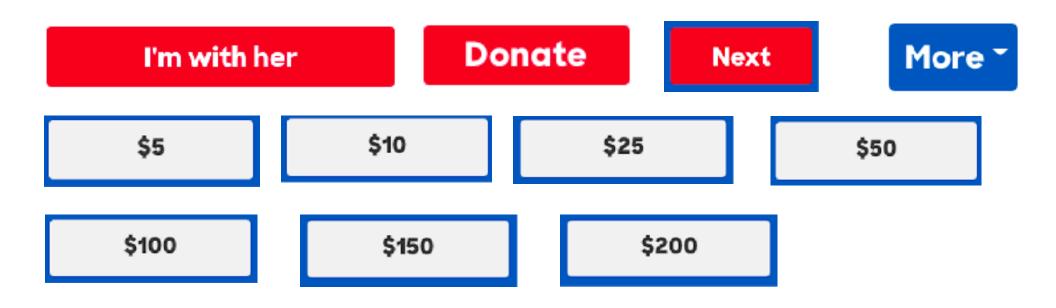




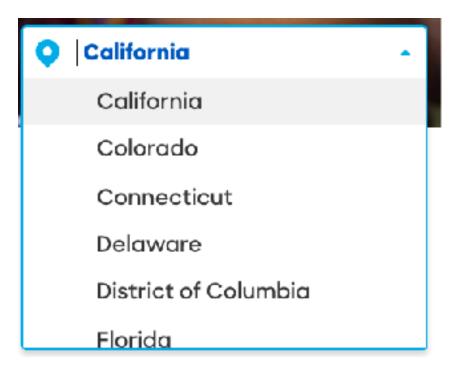
INPUTS



BUTTONS



DROPDOWNS



Sharp Unity Extrabold

Sharp Unity Extrabold Italic Sharp Unity Semibold Sharp Unity Semibold Italic

Helvetica Neue Bold Helvetica Neue Bold

Helvetica Neue Regular Helvetica Neue Italic

Georgia Bold Georgia Bold Italic Georgia Regular

Georgia Italic

h160/60 h2 40/42

h3 30/34 h4 24/26

h5 18/22

h6 16/18

<small> 14/16

h1 40/40 h2 36/38

h3 24/26

h4 20/22

h5 18/20

h6 16/18

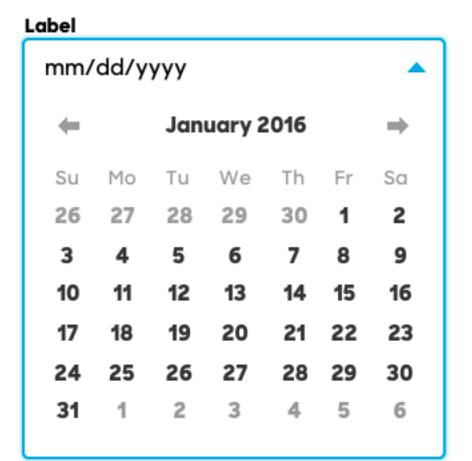


Extrabold 35/50

<u>hyperlink</u> <u>hover</u>

- Lorem ipsum dolor sit ametLorem ipsum dolor sit amet
- O Lorem ipsum dolor sit amet
- This is a longer label and it ends
- Label
- Label

abel			
O	Option		•
	Option		



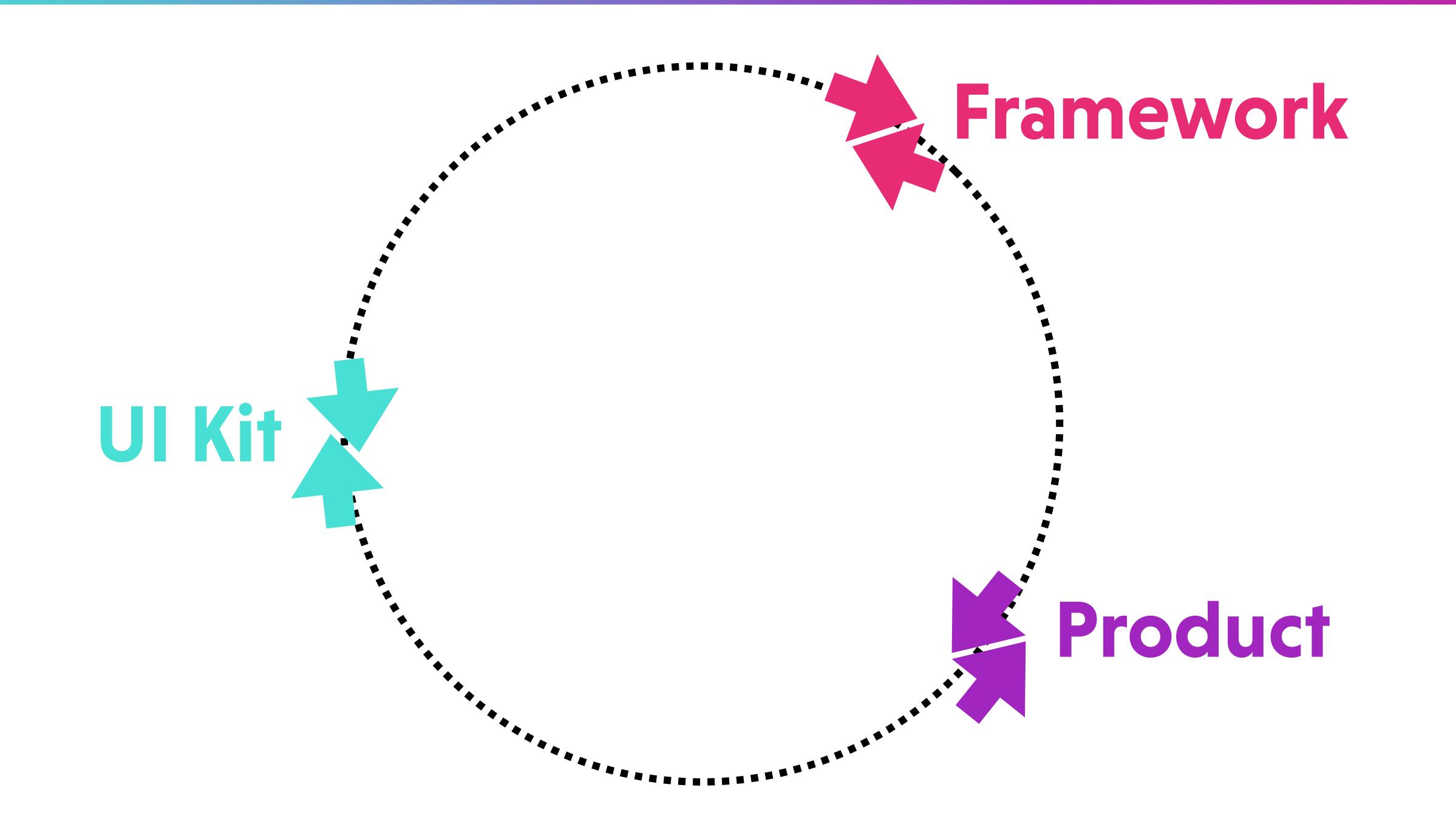
abel				
Preview text				
abel				
Vic				
hare your story				
Preview text				
abel				
Completed text				
abel				
Completed form with check				
Label				
Preview text				
.abel				
This	is an error!			
Button				
Button	Button			
Button	Button			
D. M.	Button			
Button	Button			

Button

Implement



Do it live!



Donate





Making history a little more inclusive, one button at a time.

Chip in today

\$5

\$15

\$25

\$100



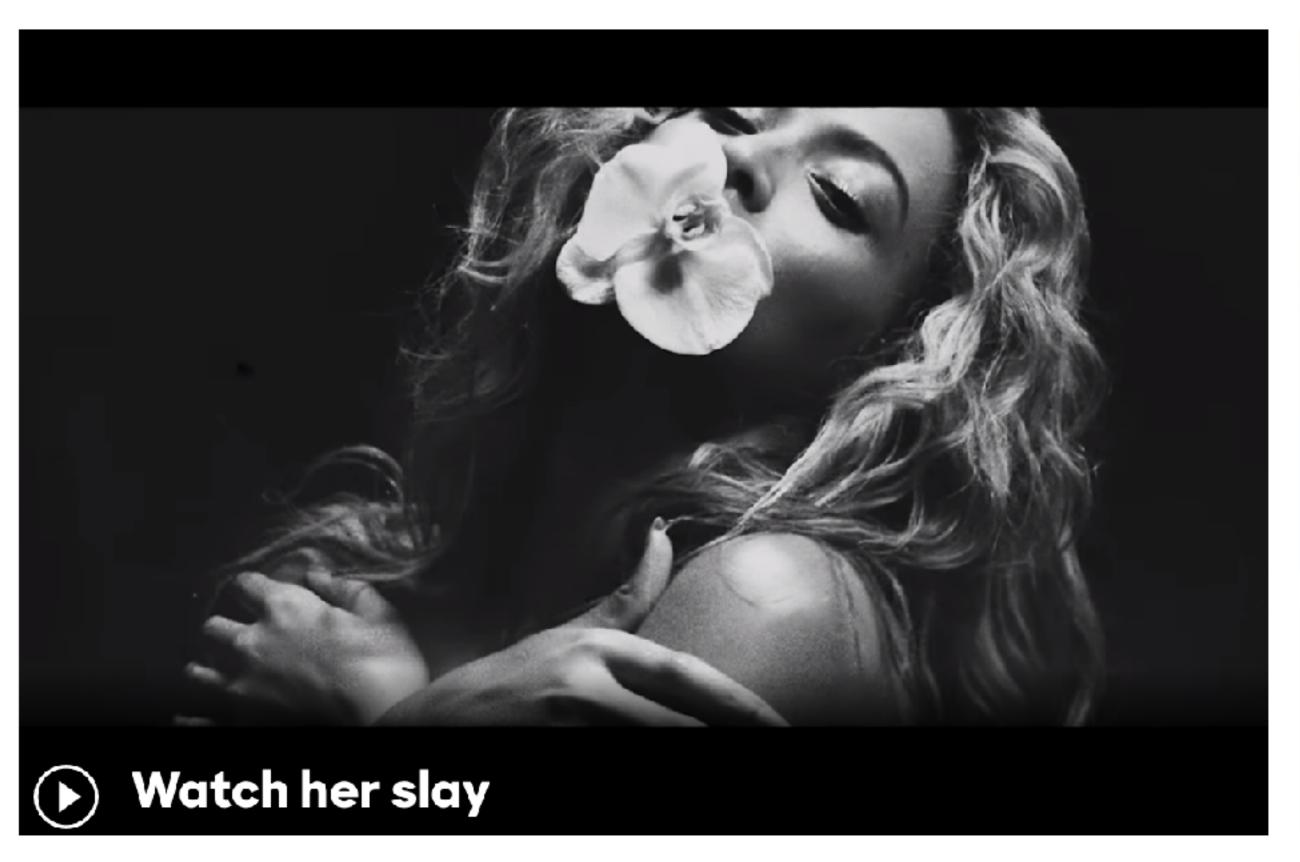






About Act Issues Shop More → En Español

Donate





The Formation World Tour: NYC BeyHive Pre-Sale - 2nd Show Added!

Chip in today

\$5

\$15

25

\$100









Test & Iterate

The Closet

All the ensembles and accessories of Pantsuit, in one convenient place.

Blockquotes

I challenge assumptions about women. I do make some people uncomfortable, which I'm well aware of, but that's just part of coming to grips with what I believe is still one of the most important pieces of unfinished business in human history — empowering women to be able to stand up for themselves.

Hillary Clinton

Buttons

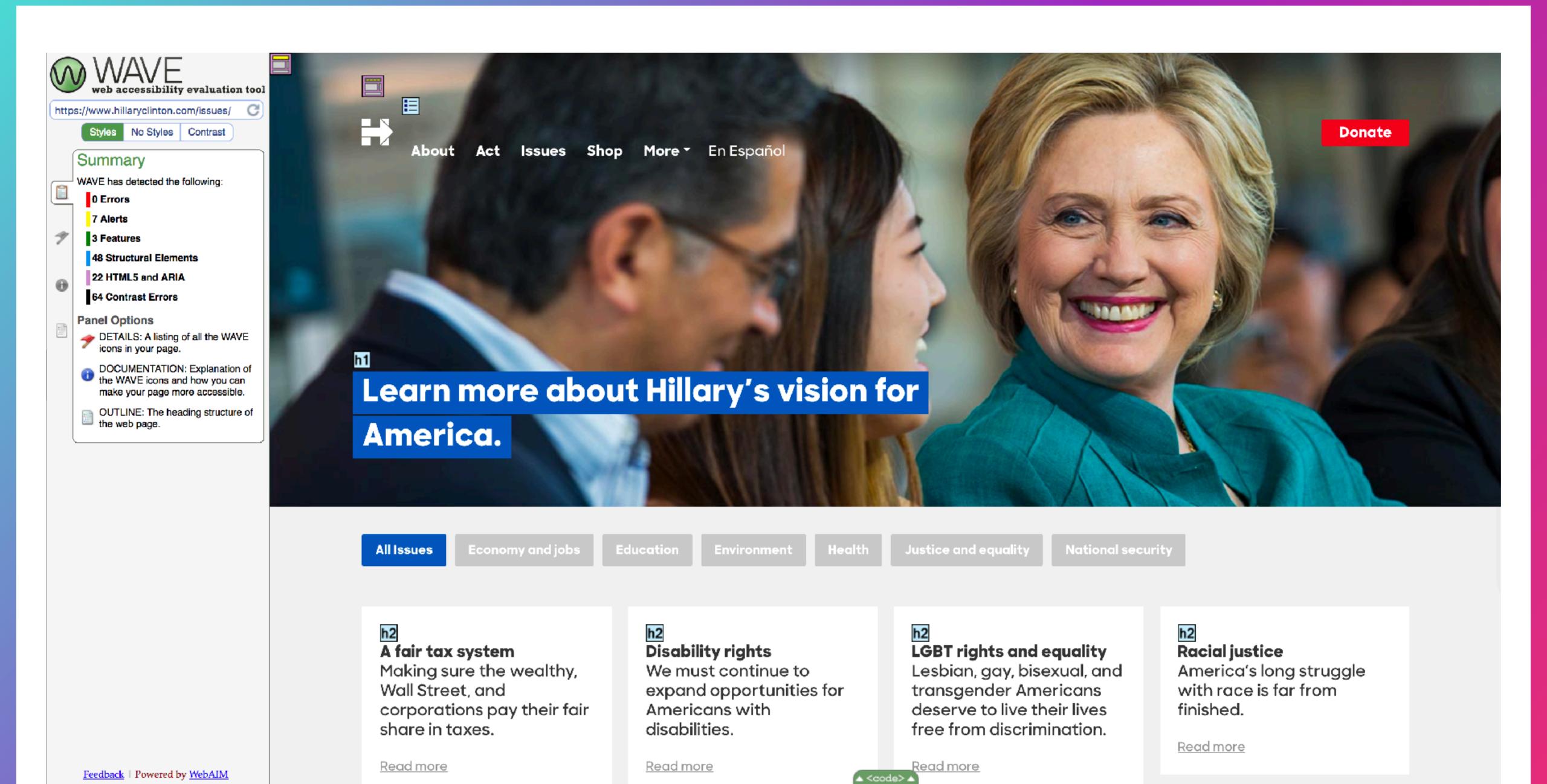
Button

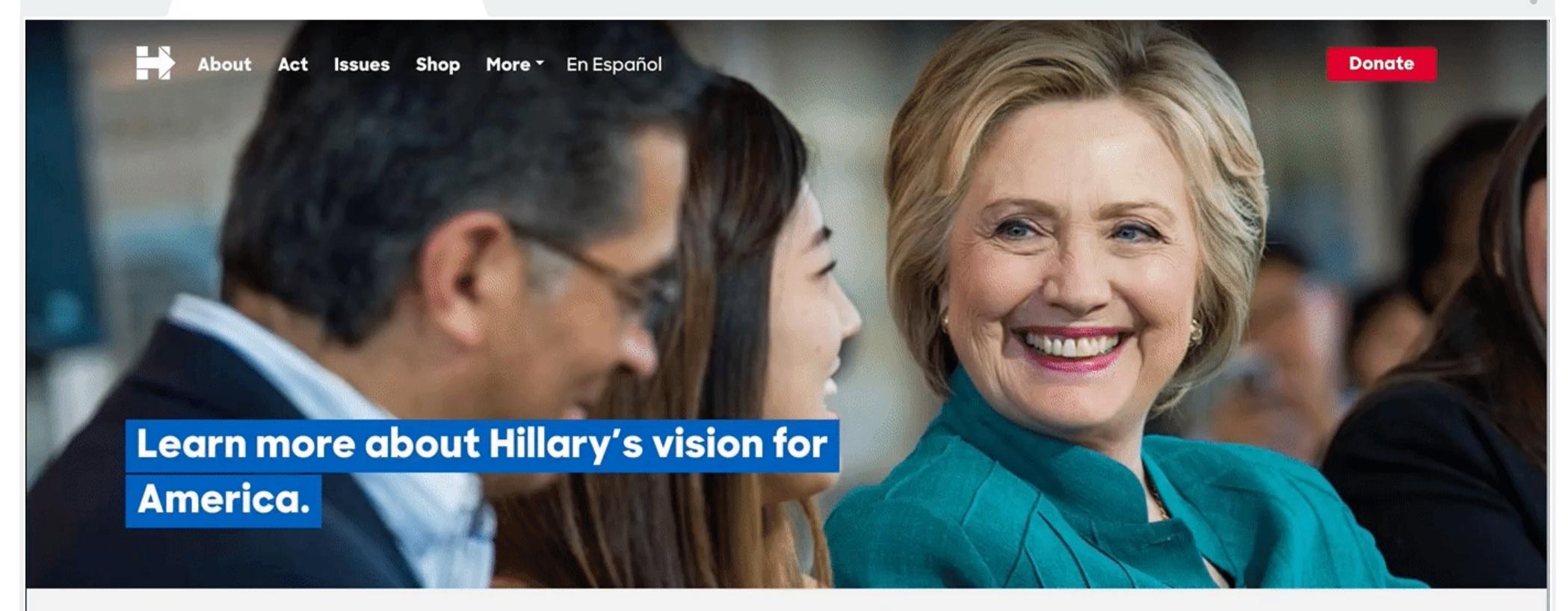
Link Button

Large Button

Card

900×300





All Issues

Economy and jobs

Education

Environment

Healt

Justice and equality

National security

A fair tax system

Making sure the wealthy, Wall Street, and corporations pay their fair share in taxes.

Read more

Disability rights

We must continue to expand opportunities for Americans with disabilities.

Read more

LGBT rights and equality

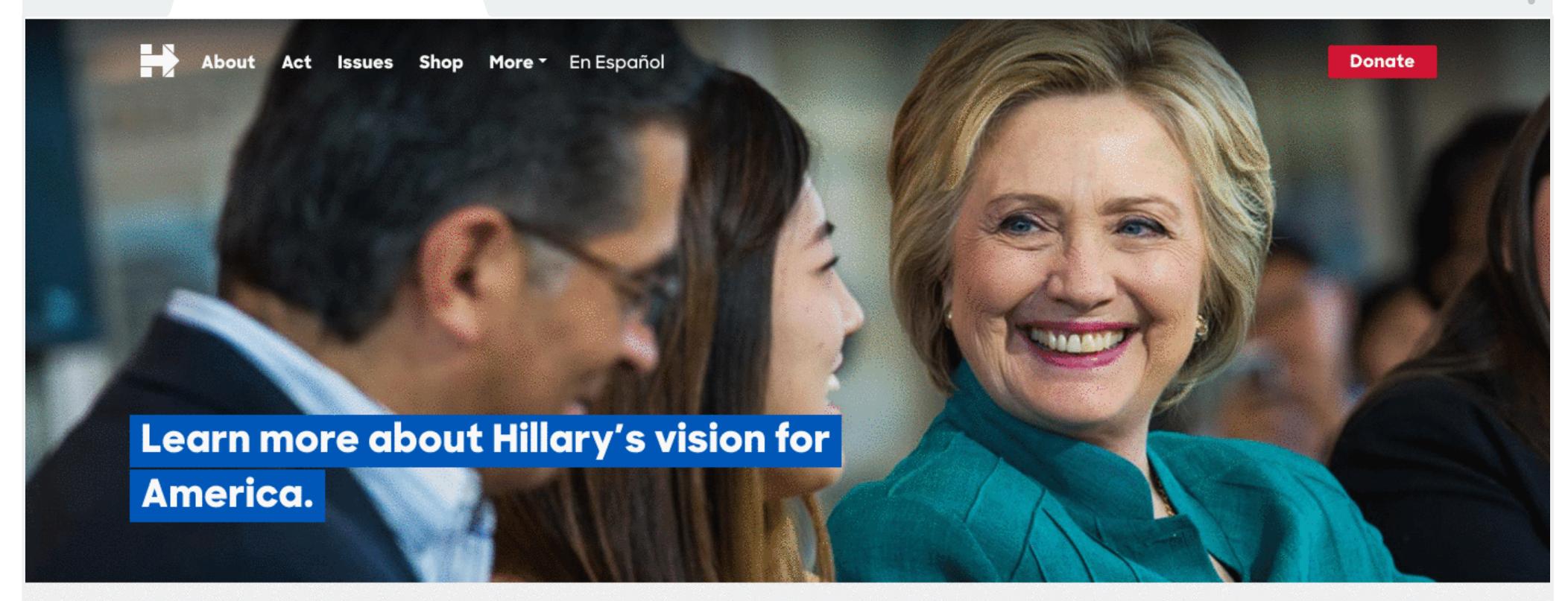
Lesbian, gay, bisexual, and transgender Americans deserve to live their lives free from discrimination.

Read more

Racial justice

America's long struggle with race is far from finished.

Read more



All Issues

Economy and jobs

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Racial justice

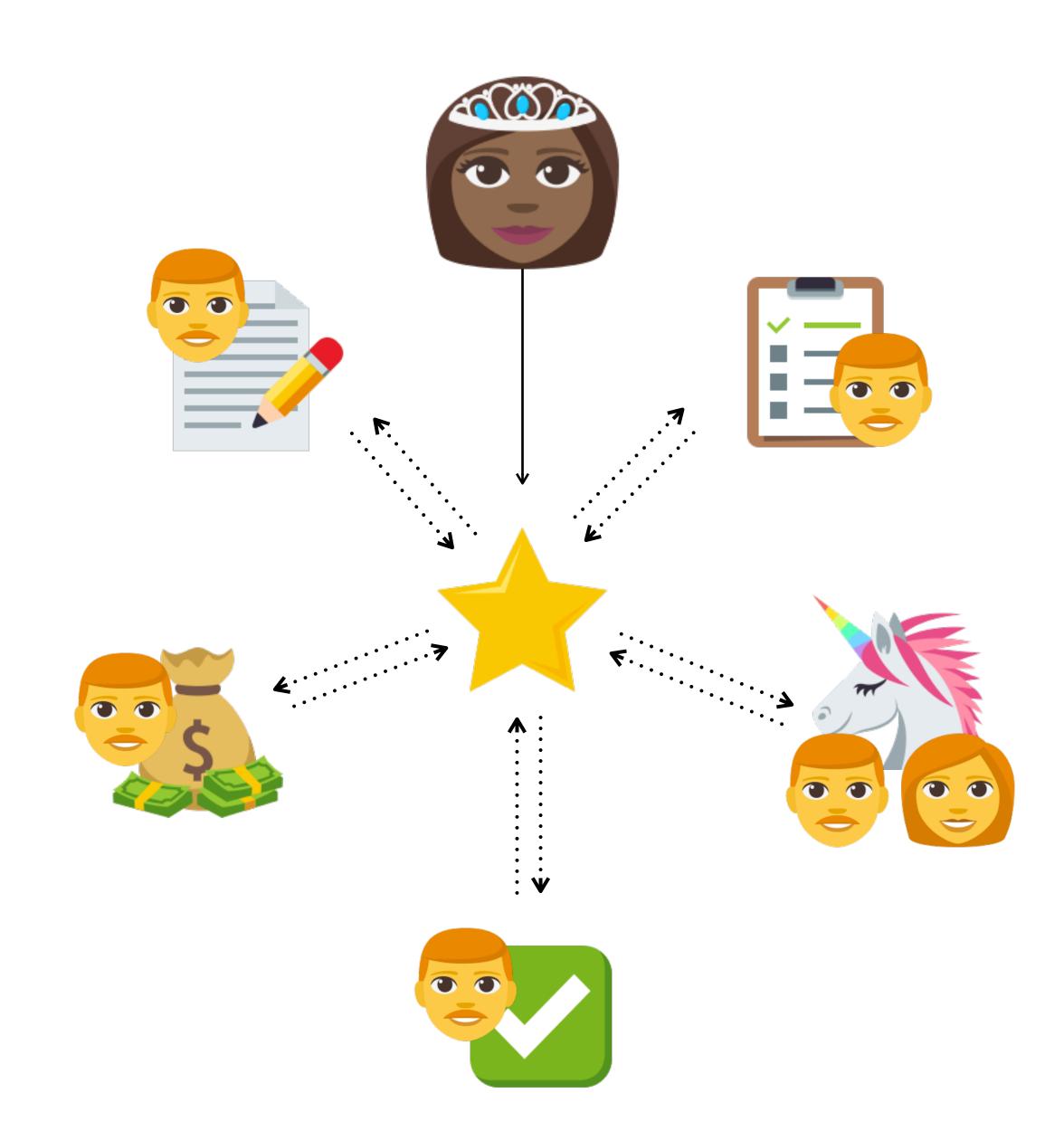
America's long struggle with race is far from finished.

Read more

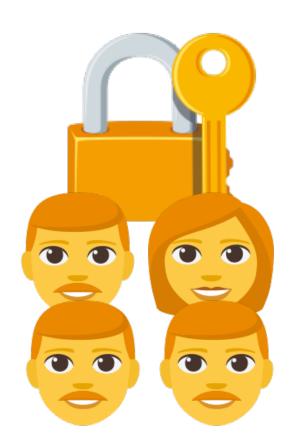
How did you do it by yourself?

Collaboration

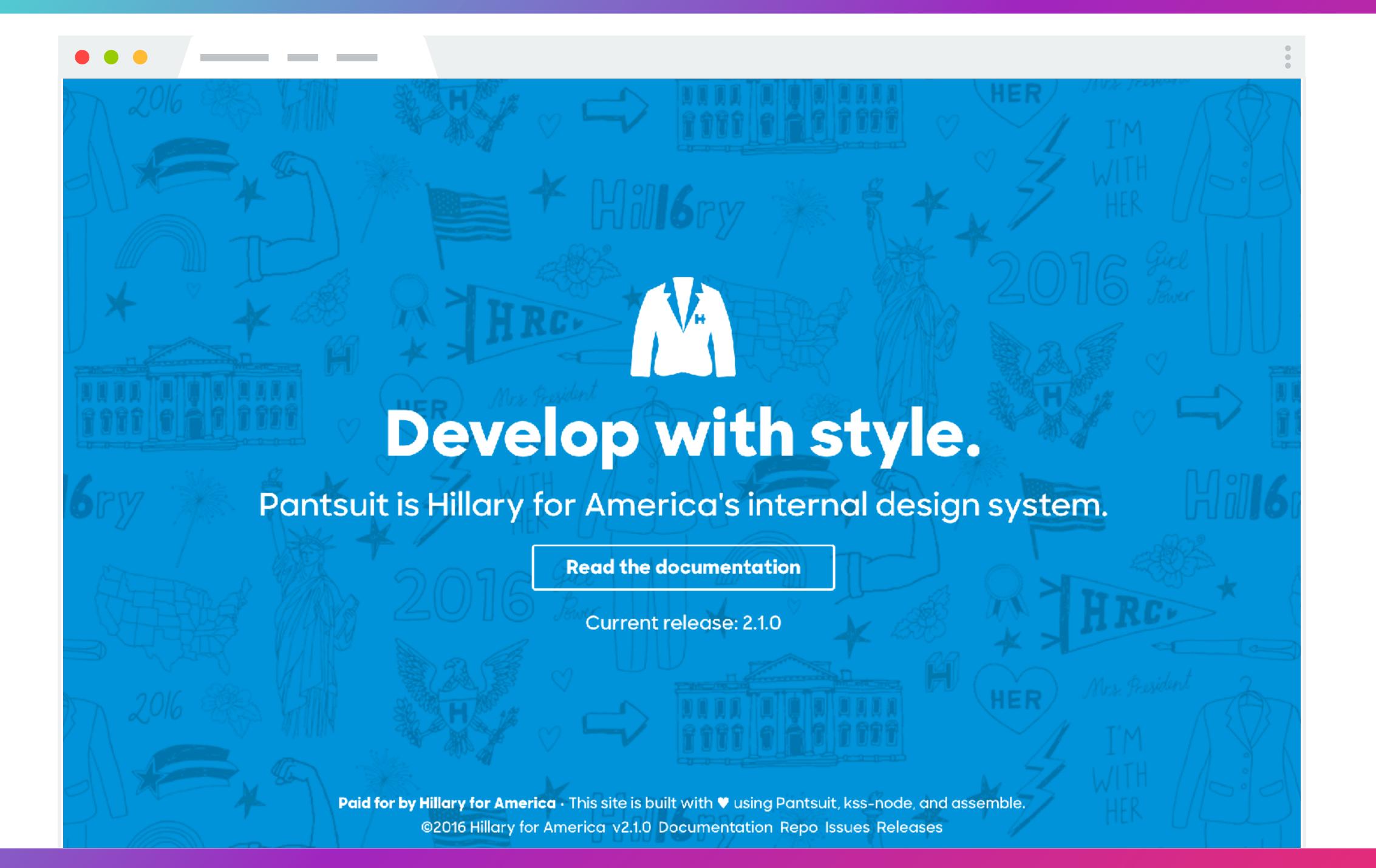








Documentation





OVERVIEW

LAYOUT

TYPOGRAPHY

FORMS

OBJECTS

COMPONENTS

STATES

ALTERATIONS

MEASUREMENTS

MIXINS

FUNCTIONS

Documentation Guidelines Templates Animations Closes

What is Pantsuit?

Pantsuit is a collection of CSS/HTML elements and objects that, when combined, create larger, complex interfaces. It's a strong foundation for building beautiful and brand-consistent applications. This library has been influenced by <u>ITCSS</u> and Jonathan Snook's <u>SMACSS</u>.

This is a "living style guide" that parses comments within in the source code to generate this HTML file. As styles are added to or changed in the source code, the documentation should be updated along with it, ensuring that this file is always up to date.

With a few exceptions, styles included in Pantsuit are markup independent; meaning that the HTML elements and hierarchy can change, and the styling will remain the same. This eliminates the need to modify both HTML and CSS.

Getting started

CDN

Compiled and minified CSS. No docs or original source files are included.

<link href="https://a.hrc.onl/pantsuit/2.1.2/css/pantsuit.css" rel="stylesheet"/>

Manual

Source Sass, and font files, along with our docs. You only need to include the src/brand, src/fonts, and src/scss folders in your project.

Source Files

Compiled CSS (minified)

NPM

You can also install Pantsuit using npm: npm i --save @hfa/pantsuit



OVERVIEW

LAYOUT

ROWS

WRAP - PAGE

WRAP - CONTENT

GRID

GRID - FLUID

GRID - GUTTERLESSS

GRID - INCOMPLETE

GRID - NESTED

GRID - COLUMN ORDER

TYPOGRAPHY

FORMS

OBJECTS

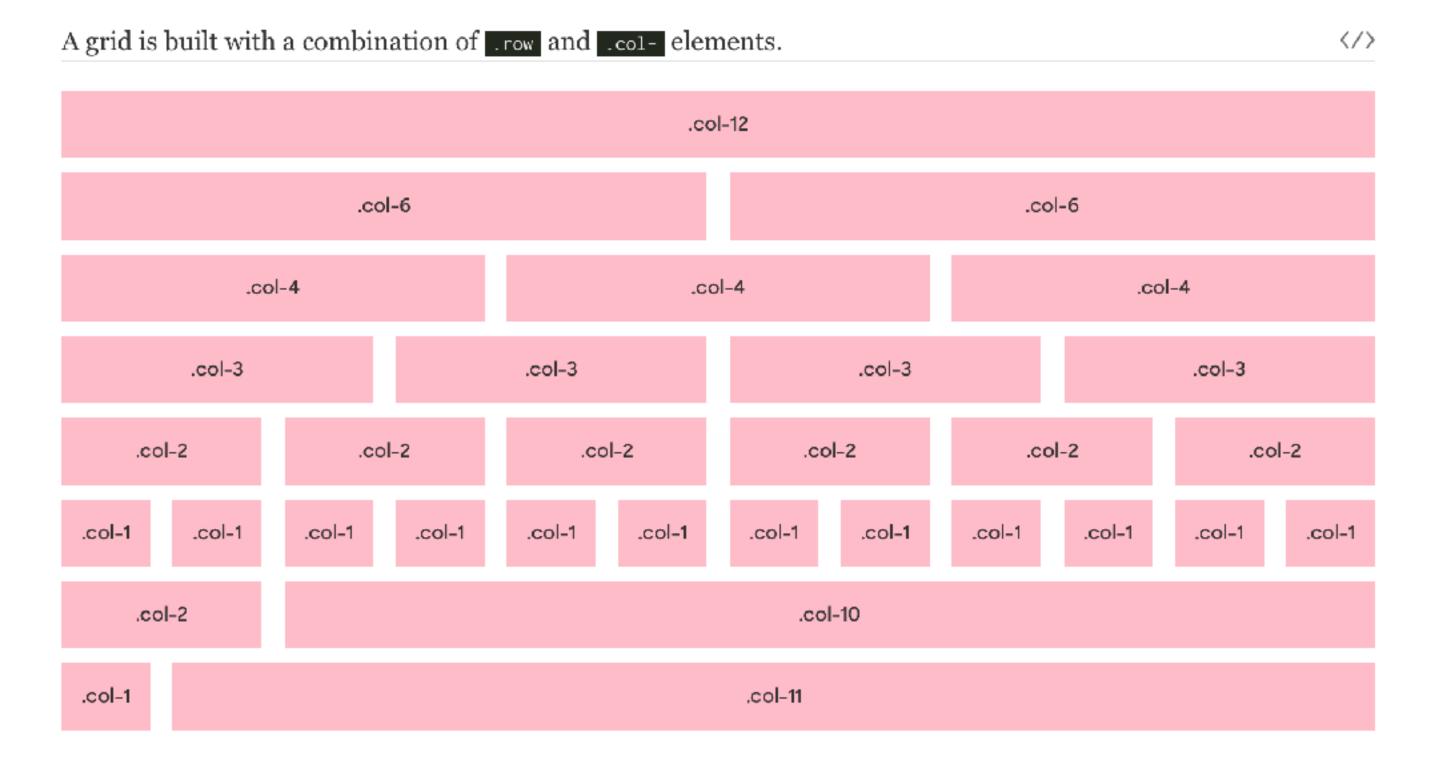
COMPONENTS

STATES

ALTERATIONS

MEASUREMENTS

Grid



Grid - Fluid

By default, columns are 100% percent for small viewport. To retain fluid grid for smaller viewports, use .col[small/medium/large]-*.

.col-small-4 .col-small-4 .col-small-4 .col-small-4 .col-medium-3 .col-medium-3 .col-large-6

OVERVIEW

LAYOUT

TYPOGRAPHY

FORMS

OBJECTS

COMPONENTS

BLOCKQUOTES

BUTTON

PILL BUTTONS

SOCIAL BUTTONS

HIGHLIGHT

MODALS

NAVIGATION

PAGINATION

PANES

PULLQUOTES

TABLE

TABLE - LIST

Highlight

Best for short phrases. Should be no more than two lines.

It takes a village

. large Use larger version for headline or display text.

It takes a village

Modals

Popups that prompt the user to act. Modal is centered on larger screens, and anchored to the bottom of smaller screens. Requires JavaScript.

Trigger Demo Modal

</>

Modal title

Fancy modal body content

Navigation

Basic navigation bar. Usually placed within a header (.o-header). Add class is-active to nav item to highlight



OVERVIEW

LAYOUT

TYPOGRAPHY

FORMS

OBJECTS

COMPONENTS

STATES

ALTERATIONS

MEASUREMENTS

MIXINS

BUTTON-VARIANT

CLEARFIX

FONT-SMOOTHING

HIDDEN

HIGHLIGHT(\$COLOR)

MQ(\$BREAKPOINT, \$QUERY, \$TYPE)

PLACEHOLDER

RESET-LIST

smart-underline

Add a smart underline to text. A smart underline will make the underline appear to sit behind the text descenders rather than cut through them.

Name/Key	Value
usage	@include smart-underline
\$background	Background color, defaults to swhite
\$text	Text color. Defaults to #800
\$line-color	Underline color. Defaults to \$color-primary
hover-background	Background color on hover. Defaults to Shackground
<pre>\$hover-text</pre>	Text color on hover. Defaults to \$text
<pre>\$hover-line-color</pre>	Underline color on hover. Defaults to \$1ine-color
\$position	y -position of the underline. Defaults to 89%

vertical-align-flex

Vertically align an element using flexbox.

Name/Key	Value
usage	@include vertical-align-flex

vertical-align

Vertically align an element using transform.

Name/Key	Value
usage	@include vertical-align

visuallyhidden



OVERVIEW

BRAND

CSS / SASS

SINGLE DECLARATIONS

PREPROCESSING

FORMATTING

ENFORCEMENT

ARCHITECTURE

ITCSS

NAMESPACING

SHAME FILE

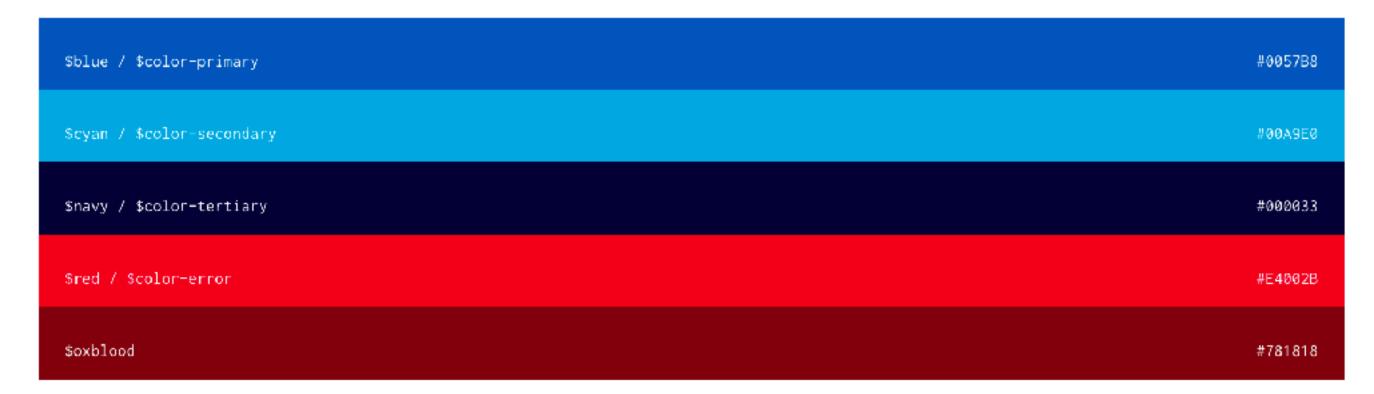
BROWSER SUPPORT

Documentation Guidelines Templates Animations Closet

Brand

Core Colors

The core colors of the campaign are red, white and blue. To modulate from elegant to accessible, the palette is rounded out with navy, cyan, and crimson hues. All of these colors work well together.



Extended Colors

The extended color palette can be used to support the tone of a piece. The purple, green, and gold move away from the core brand, so work best when communicating with an initiated or very targeted audience, like students. Swatches from the extended palette do not mix with the core colors or with each other. Stick to the color pairings purple and purple, green and green, and gold and gold (and, of course, a red button) when designing with the extended palette.





STARTER KIT

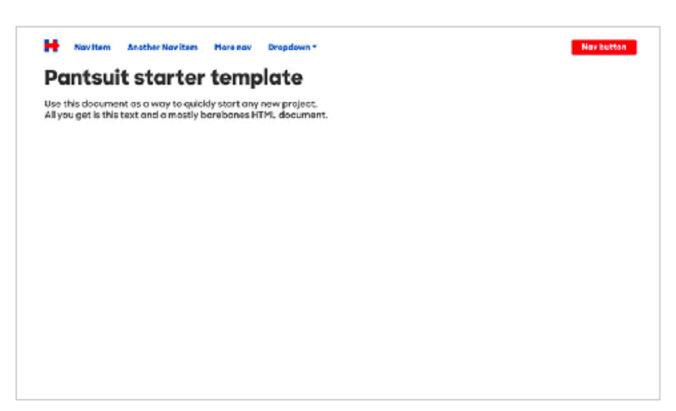
STICKY FOOTER

STICKY FOOTER WITH NAV

FIXED HEADER

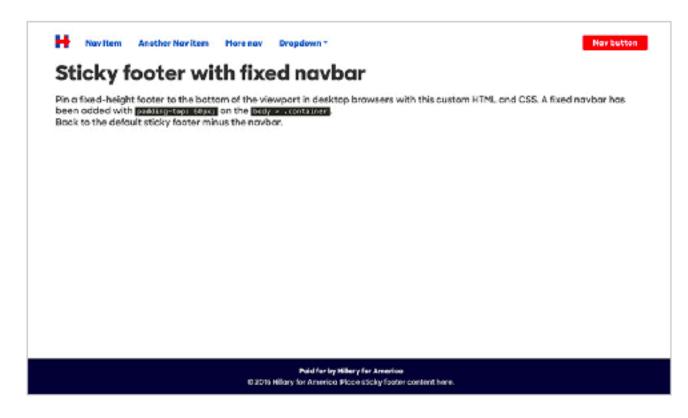
Documentation Guidelines Templates Animations Closet

Templates

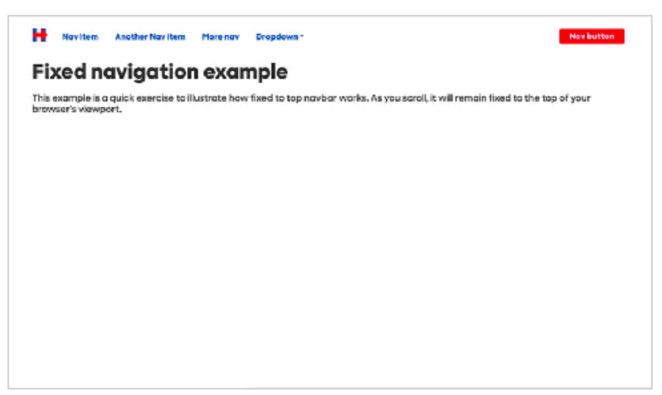




Starter kit



Sticky footer



Sticky footer with nav

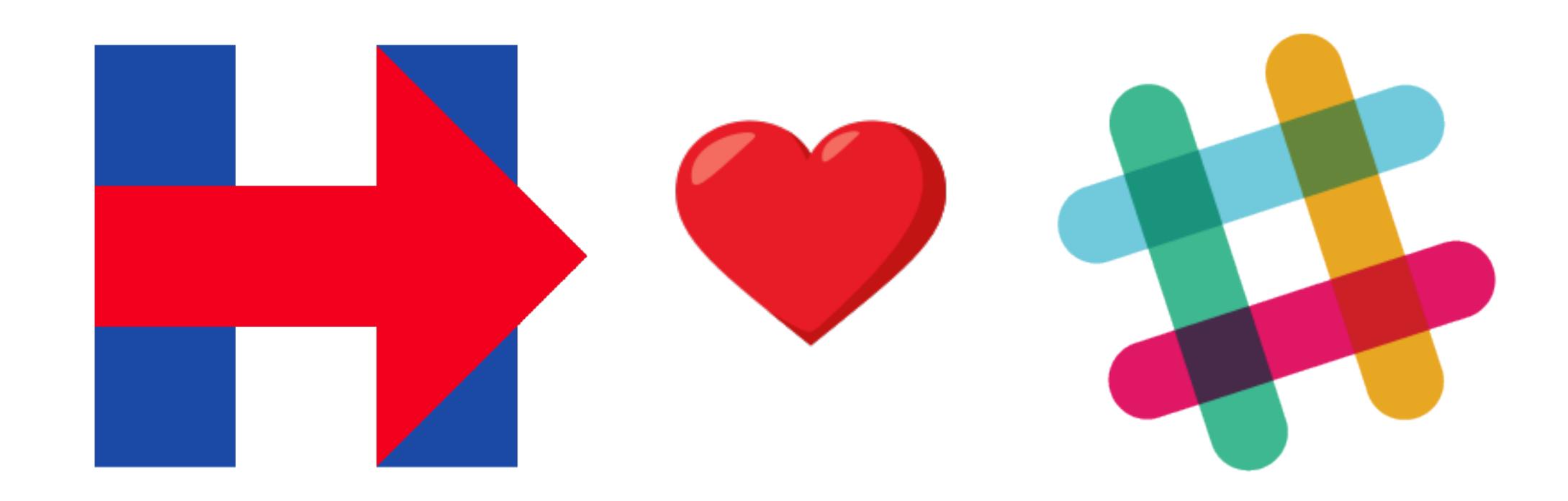
Fixed header



The documentation for Pantsuit is a great example of **form following function**: it served as a source of inspiration as well as a how-to.

BETH ANDRES-BECK, Senior Engineer, Fundraising

Automation





Integration Settings

Post to Channel

Messages that are sent to the incoming webhook will be posted here.

#tech-general or create a new channel

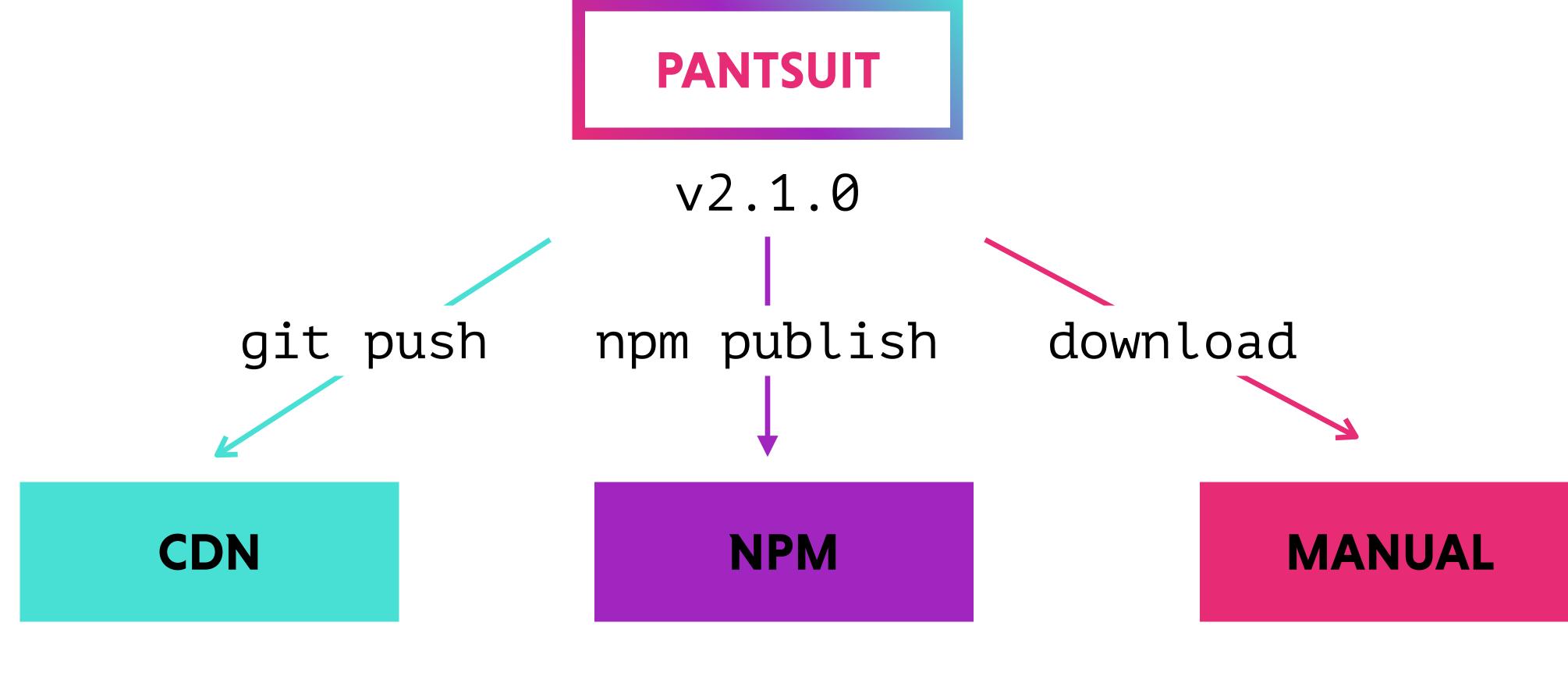
Webhook URL

Send your JSON payloads to this URL.

Show setup instructions

https://hooks.slack.com/services/

```
var p = require('./package.json'),
                                                                      post-publish.js
    version = p.version,
    colors = require('colors'),
    Slack = require('node-slackr'),
    slack = new
    Slack('https://hooks.slack.com/services/
    messages = {
      text: ':tada: Pantsuit v' + version + ' released!
     <https://github.com/
                                                 /releases/tag/' + version + '|Notes> |
                                /|Docs>',
     <http://www.
     channel: '#tech-general',
      username: 'Pantsuit Up!',
      icon_emoji: ':pantsuit:'
    };
slack.notify(messages, function (err) {
  if (err) { return console.error(colors.error.bold(err)); }
  console.log(colors.green.bold('\n/ Finished publishing Pantsuit v' + version));
});
```



- Backend Teams
- Internal dashboards
- Documentation

- Most common
- Front-end boilerplate

Donations



Pantsuit made it so we could deploy style changes to our 100+ microsites instantaneously and cache styles across all sites easily and consistently.

Nat Welch, SRE, Dev Ops

What was the outcome?





.@HillaryClinton's Ul is codenamed "Pantsuit" life is wonderful

RETWEETS

LIKES

















Strate of the strategy of the

Hillary's campaign has become so entangled with the pantsuit that her design team named their style guide after it:



The Key to Clinton's Identity Online? It's Pantsuit

We're not talking about sartorial pantsuits. We're talking about capital-P Pantsuit, the design system underpinning Clinton's online presence.

wired.com





Absolutely love @MinaMarkham's deep dive into "Pantsuit," the pattern library used by @HFA:



Pantsuit: The Hillary Clinton UI pattern library - Git out the vote - Medium Building a (presidential) design system



medium.com



Meet Pantsuit, @HillaryClinton's online design system created by @MinaMarkham wired.com/2016/09/key-cl ...

RETWEETS 23

LIKES 70











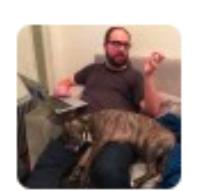


Teddy Goff

THIS JUST IN from HRC: "I meant to reply earlier about how excited I am w the new design. Kudos to everyone!"

Posted in #digital-tech | July 18th at 11:01 AM





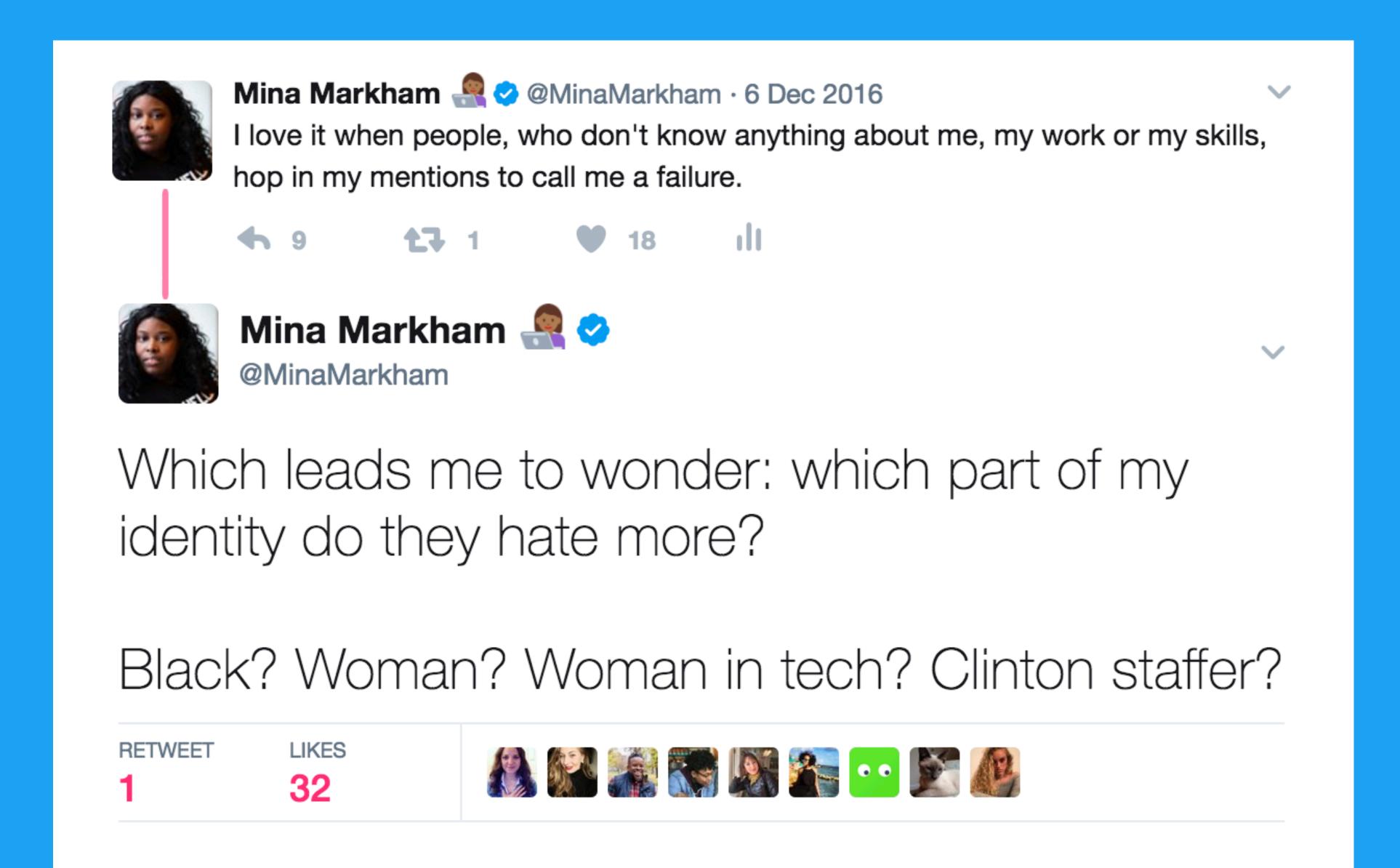
Yahel Carmon 3:59 PM

I've seen some of the shit you get on Twitter. You have a backbone that I do not possess.



Mina Markham 4:04 PM

It's an unfortunate consequence of existing as a woman on the internet.





Haters Gonna Hate





MEET MINA MARKHAM: THE 'DESIGNER' OF HILLARY'S UI SYSTEM...THE 'HILLARY CLINTON (PANTSUIT) UI...[TOTALLY HACKABLE]

submitted 6 months ago by 20-Gauge

8 comments share

all 8 comments

sorted by: **best** ▼



[-] THICKJUICYTRUMPSTEAK **Solution** 3 points 6 month



[-] **20-Gauge** [S] 1 point 6 months ago

Absolutely unbelievable level of stupidity.

permalink embed parent

She calls herself a STEMinist which makes me want to vomit.

permalink embed

[-] **20-Gauge** [S] 1 point 6 months ago

Yes. And she *really is* the 'designer' of The Beast's campaign website.

Zero security, zero professionalism / skills.

permalink embed parent

k that for some inexplicable reason It really is shite, yes?

Source: https://www.reddit.com/r/The_Donald/comments/53quh5/meet_mina_markham_the_designer_of_hillarys_ui/



[-] Quatroking —NLD 8 points 4 months ago

I doubt that she wrote it herself. The source itself shows this:

```
ннннн
                        \rightarrow \rightarrow HHHH
ннннн
                        \rightarrow \rightarrow \rightarrow \rightarrow HH
ннннн
                        \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow
                                                    Git out the vote!
Join the only 18 month, nationally te
https://boards.greenhouse.io/hillaryf
ннннн
                        \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow
ннннн
                        \rightarrow \rightarrow \rightarrow \rightarrow HH
ннннн
                        \rightarrow \rightarrow HHHH
```

they just outsourced this stuff.

permalink embed parent







Mina Markham 🎎 💸







Senior Software Engineer

Hillary For America



Worked to elect Hillary Clinton as President of the United States.

Fought the rise of fascism in the United States

RETWEETS

LIKES

2,193 540











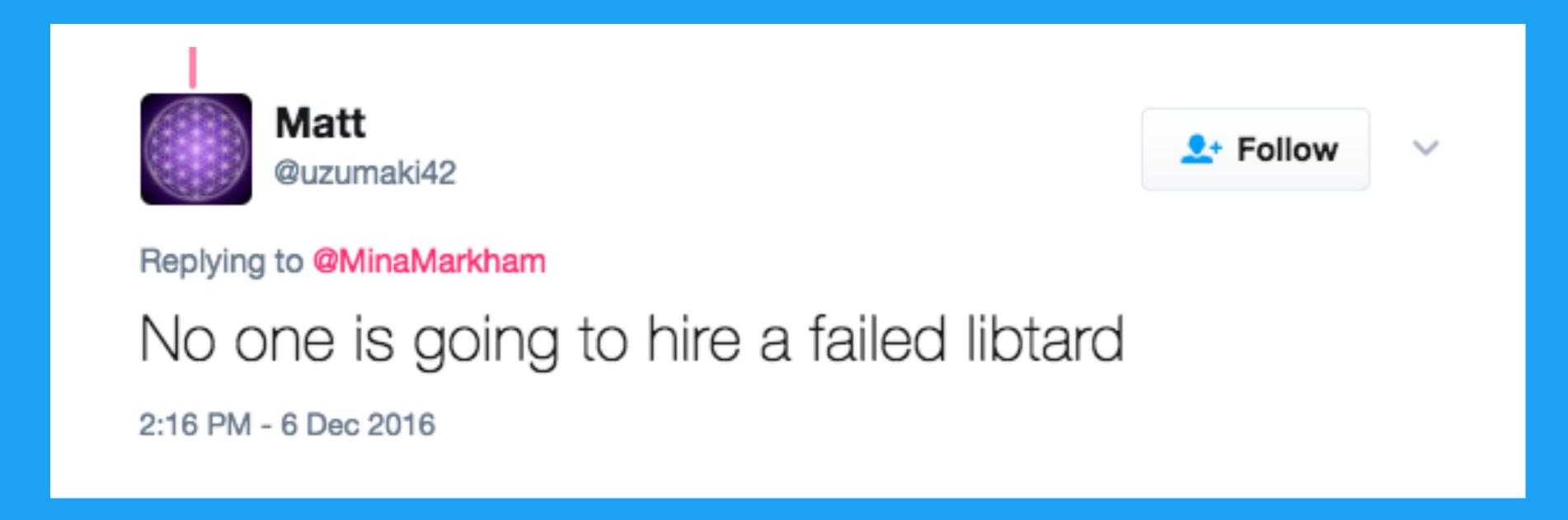




7:39 PM - 5 Dec 2016



1 540



Source: https://twitter.com/uzumaki42/status/806215721252507649

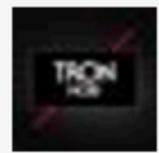






Generate NYC speaker Mina Markham profiled in Cosmopolitan

http://www.generateconf.com/new-york-2017/



Jeff Ladrillono How about they get the fuck out of the way since they've already shown they can't run a campaign to beat a person that previously polled as the most unlikeable presidential candidate in history.

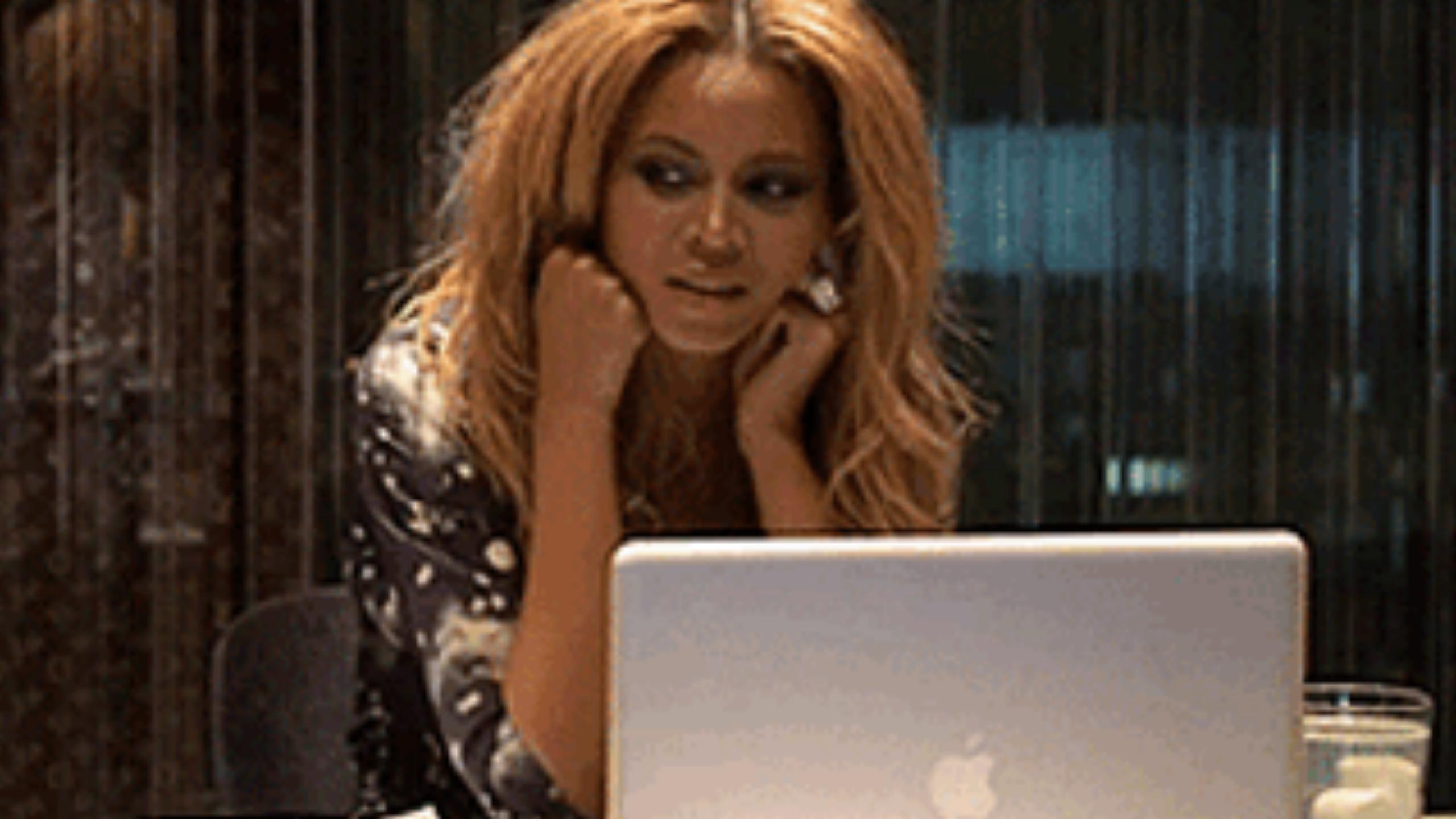
No one want to work with the people that lost the political super bowl to the Buffalo Bills.

Like · Reply · February 14 at 12:54am

The Women of Hillary Clinton's Campaign Are Not Done Fighting

In her Generate talk, Mina will share successes and failures from nearly two years at Hillary for America, including creating CSS architecture and implementing a...

COSMOPOLITAN.COM









Liz Zaretsky

@lizzaretsky



the outside world made working for Hillary Clinton feel bad, Hillary Clinton made working for Hillary Clinton feel amazing

RETWEETS

LIKES

128

473

















5:57 AM - 20 Apr 2017









Mina Markham 🏭 💝



@MinaMarkham

What I want you to know: I have never felt more respected, loved and cared for than I did during my 18 months at HFA.

RETWEETS

LIKES

56

















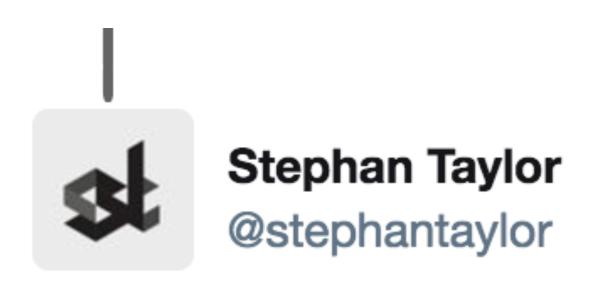


9:07 AM - 21 Apr 2017











Replying to @MinaMarkham

"Join the most talented & diverse team" Who are you and where are your creds? Does the Hillary team only hire novices?

LIKE

1



2:15 AM - 10 Jun 2016

Source: https://twitter.com/stephantaylor/status/741151893460819968



Mina Markham 🥷 💙 @MinaMarkham

Delete your account.

Stephan Taylor @stephantaylor Replying to @MinaMarkham

"Join the most talented & diverse team" Who are you and where are your creds? Does the Hillary team only hire novices?

RETWEETS

LIKES

70

8















11:31 AM - 10 Jun 2016

, laying its general to them shake I most likely to



An Incredibly Dorky Look At Each Presidential Candidate's Technology Stack

Interestingly, Clinton appears to use recruiting software as her content management system, repurposing GreenHouse as a whole CMS. It's unclear what Carson and Trump are using to

GreenHouse as a whole CMS.



Voting for Hillary Clinton by text? No, you can't do that

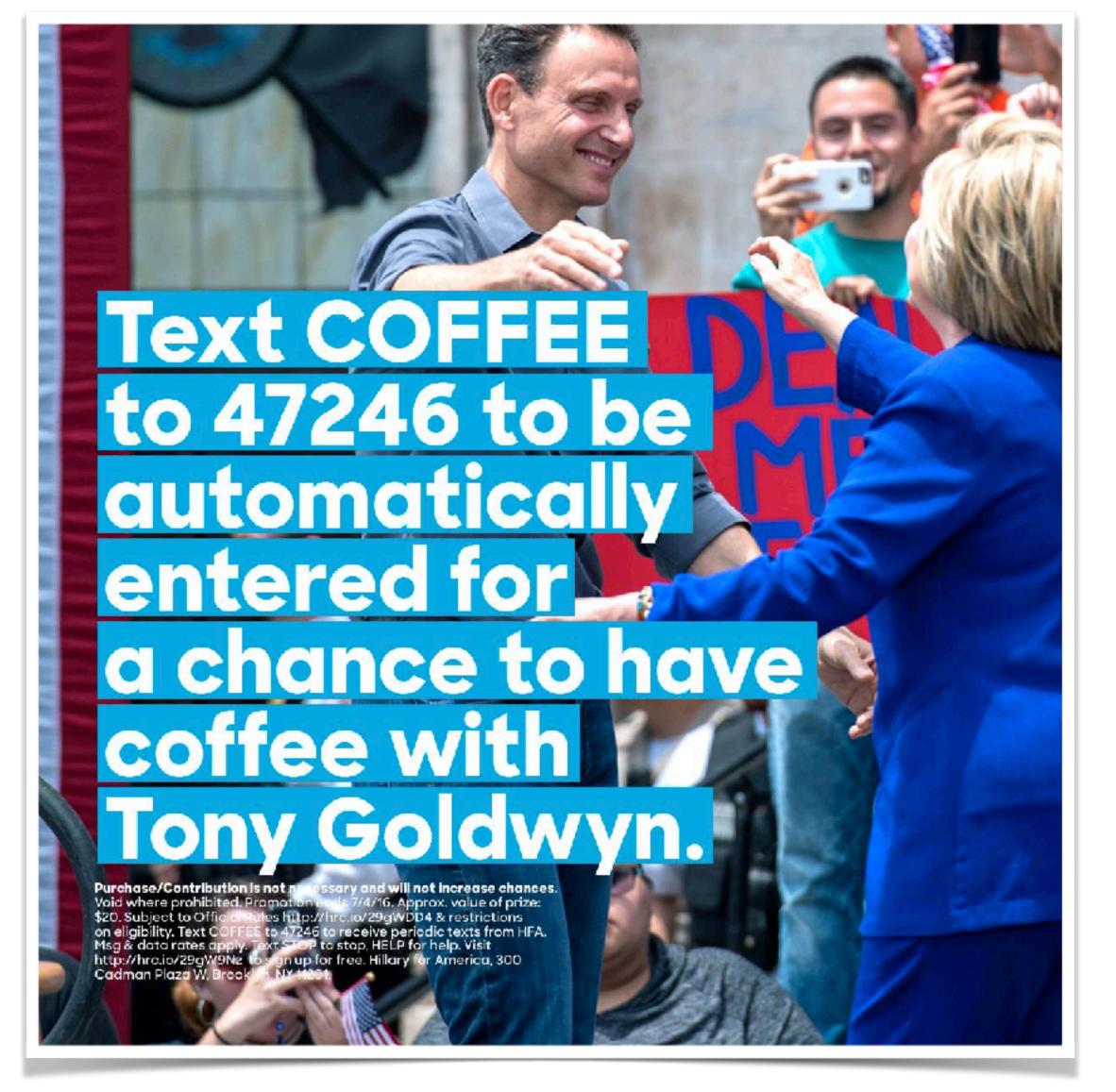
Twitter cracks down on an account posting misleading ads that encouraged Clinton supporters to "vote from home" by text message.

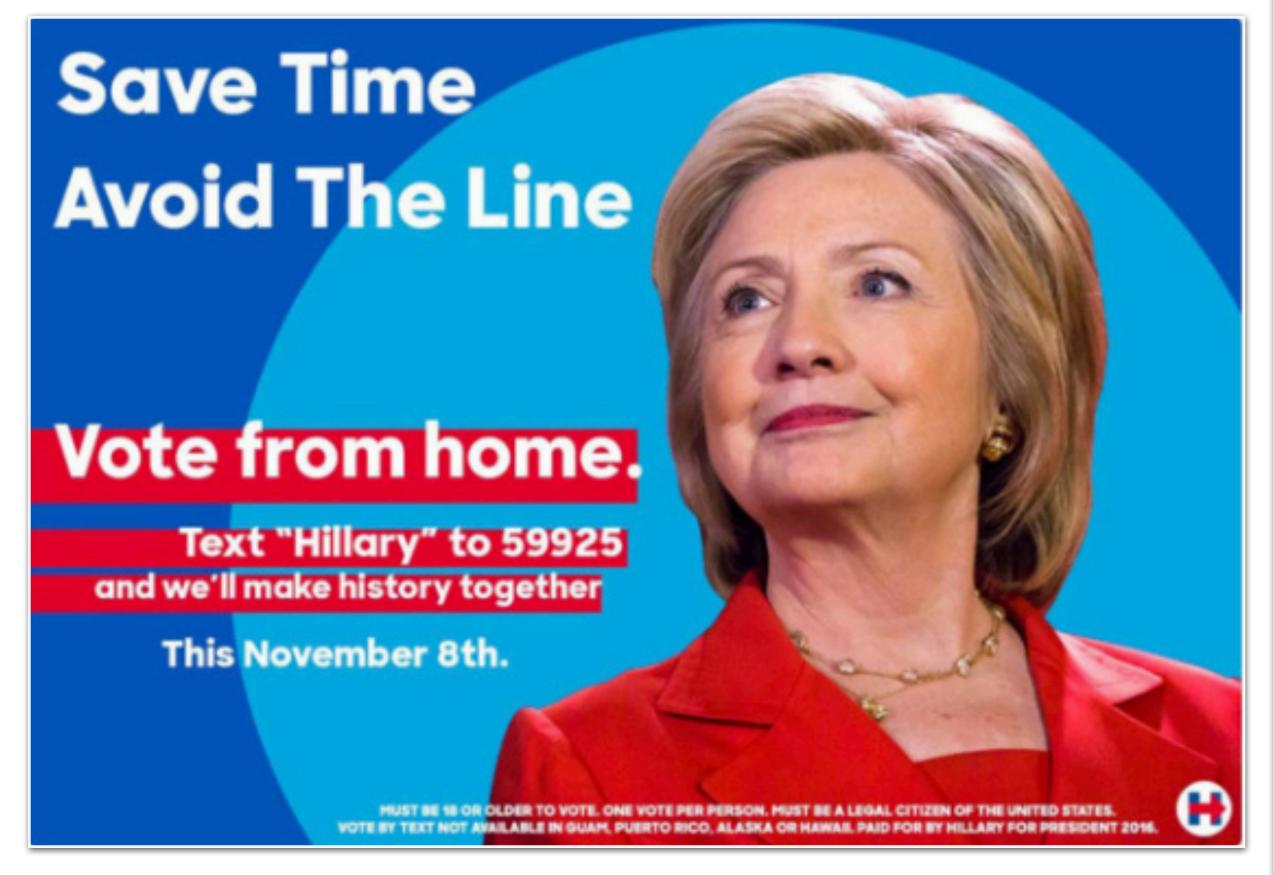
Don't Believe Those Memes About Texting to Vote for Hillary From Home

Twitter Finally Blocks Attempt To Disenfranchise Voters

Twitter Takes Down False Claims Clinton Supporters Can Vote From Home, But There Are Many More









"Hillary" and post it to Twitter or Facebook, using the hashtag "#PresidentialElection" between 7am and 9pm EST to cast your vote for Hillary, from home!

stronger together.

powered by: Microsoft

hillaryclinton.com



Open Source

Open Source





Where can I download the font that Hillary's campaign uses? Unity.ttf? It's a derivative of Sharp Sans font if that helps. I want to help the aut-right make #DraftOurDaughters image macros! (i.imgur.com)

submitted 4 months ago by sandernista_4_TRUMP SC



1 comment share

Hillary Clinton's Unity typeface

Hilapy's story New Adventures. Next Chapterso

Hillary's story New Adventures. Next Chapters

Sharp Sans 🔿

-DOWNLOAD OFFICIAL FONT-------

https://a.hrc.onl/secretary/fonts/SharpUnity-Extrabold.ttf

-----COLORS-----

RED: #E4002B

LIGHT BLUE: #0087E9

DARK BLUE: #000033



About Act Issues Shop More *

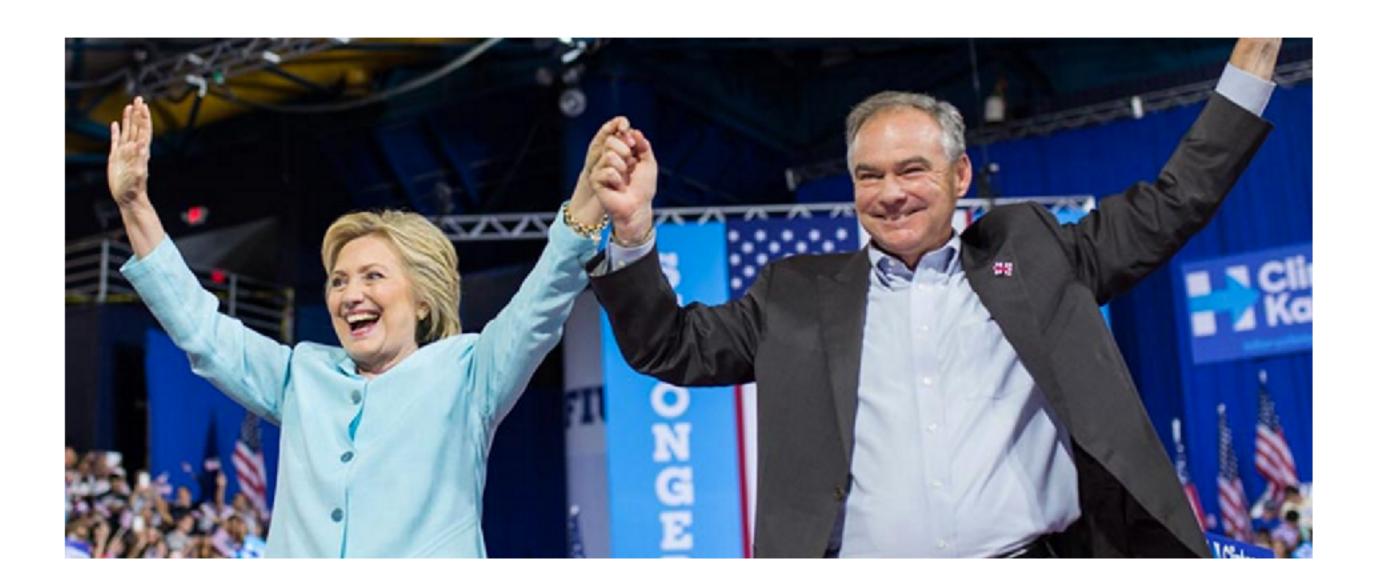
Donate 🖂



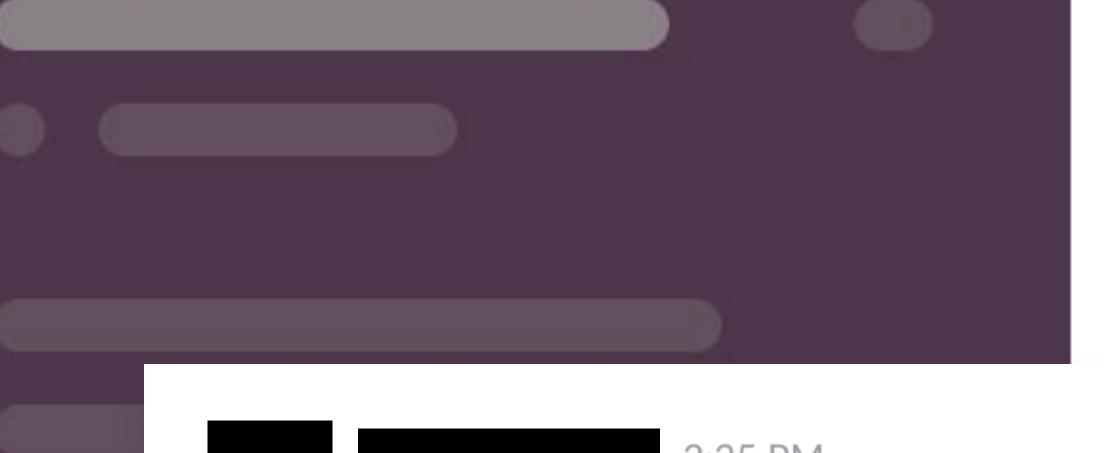
Vote for Hillary online

I'm with her

Help decide the future of our great country.



Was it worth it?



2:25 PM

"[i've been here so long] that i've got friends who have gotten married and had a baby" followed by ""[i've been here so long] that i've got friends who have gotten married and are now getting divorced"



Mina Markham 2:26 PM ^ you still have friends?

+1 11



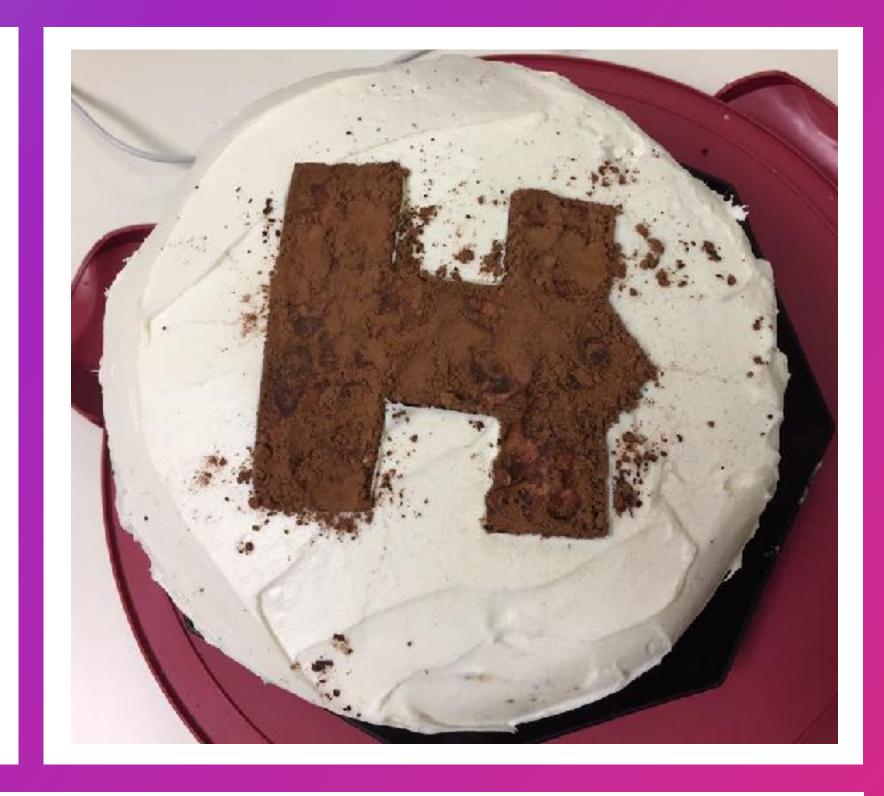








































Resources + Credits

- Emoji provided free by Emoji One
- Campaign photos by Barbara Kinney and Samuel Fisch
- Fonts: Niveau Grotesk, PT Mono & EloquentJFPro, provided by Typekit
- Washington Wasteland image from Fallout 3
- Icons by The Noun Project