Who represents you?

Politiscape
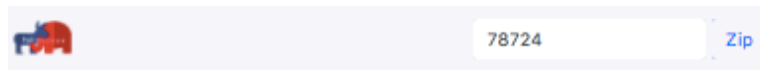
Molly Johnson
Ryan Mullowney
Ryan Bonner
B Barrnett

Donald J. Trump

President of the United States ---
Republican

Mike Pence

Vice-President of the United
States --- Republican

John Cornyn

United States Senate ---
Republican
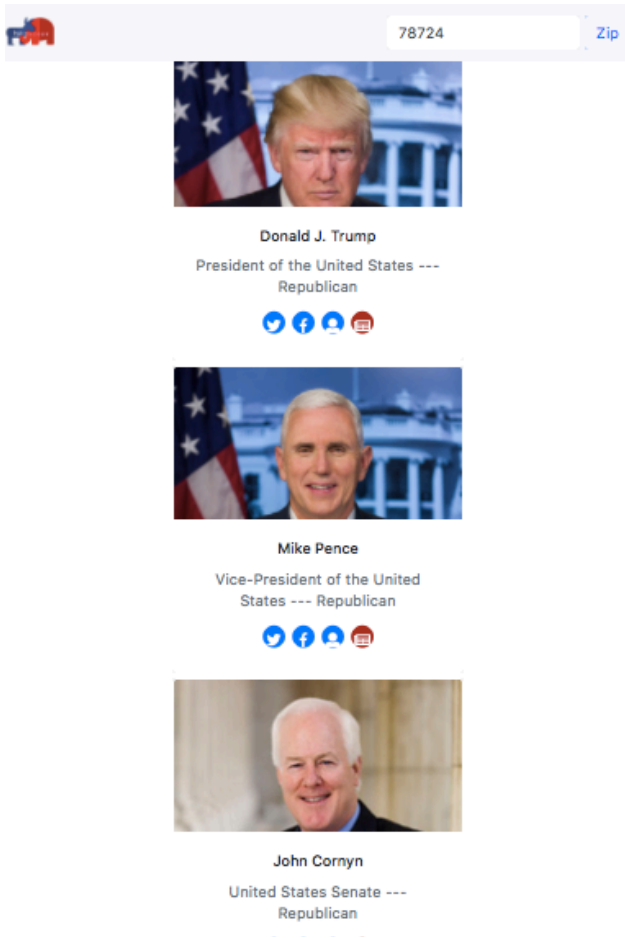
Purpose –

Politiscape is built for the millenial.

With just knowledge of your own zip code, users can find out who is representing them. Clean, "Scroll-able" profiles will dynamically populate the screen and let users see quick links to their politicians' social media channels, their website, and recent articles from the New York Times.
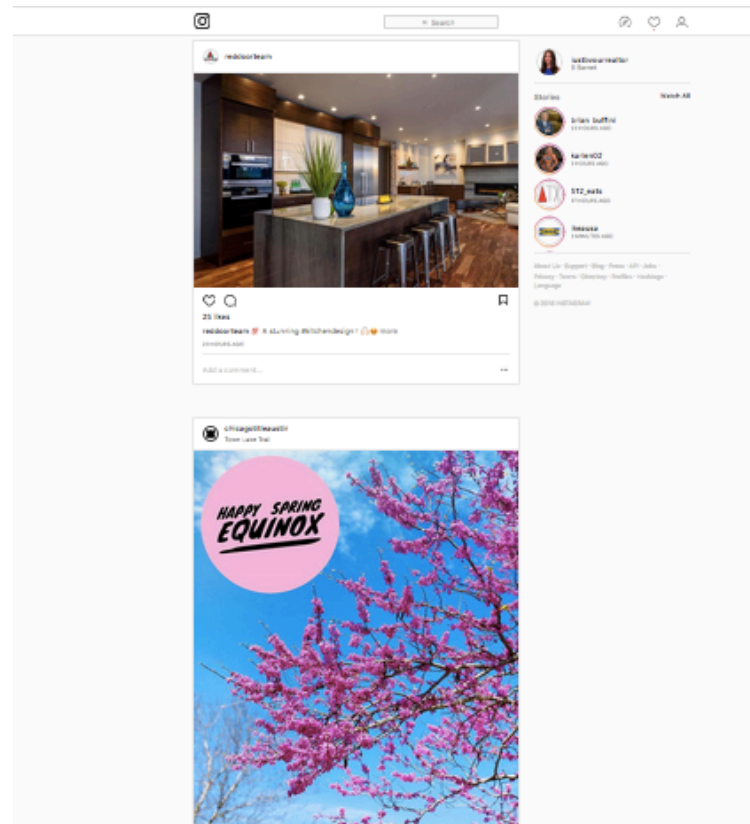
Look familiar?

78724   Zip

Donald J. Trump

President of the United States ---
Republican

Mike Pence

Vice-President of the United
States --- Republican

Keep it clean!

Politics is a dirty game... so we needed to keep it clean.

Pops of blue and red, and 50 shades of gray... because grayscale doesn't mean boring.

The code! - HTML

When working with the api, we realized our site built itself through js. However, a few basic elements stayed static in the HTML.

The nav-bar is a bootstrap dream. It fits your screen, and collapses the form on smaller screens. It's static and simple for ease of use.

Zip Codes are 5 numbers!
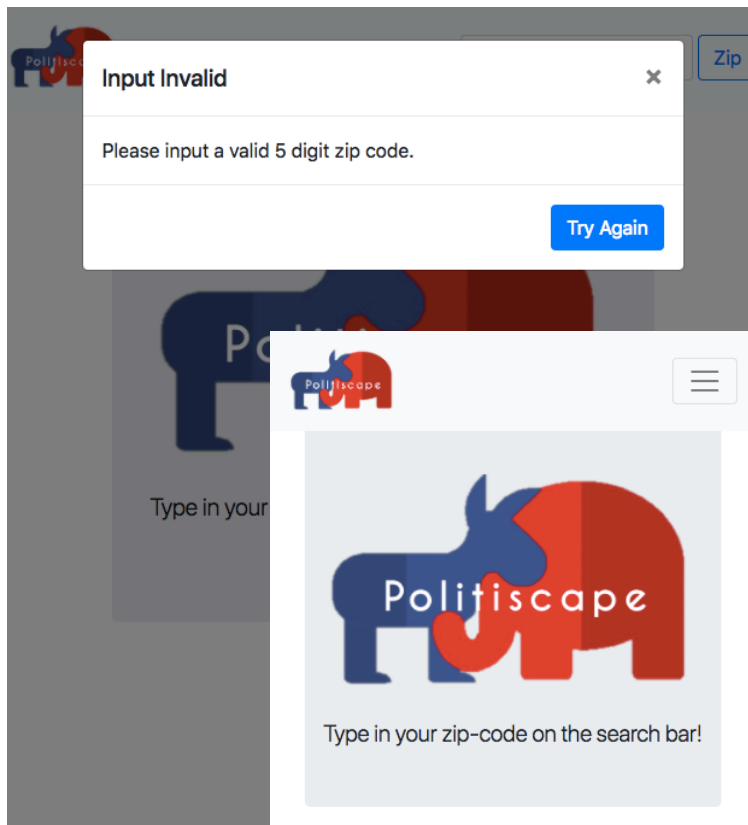

```html
<!-- Modal -->
<div class="modal fade" id="invalidInputModal" tabindex="-1" role="dialog"
aria-labelledby="invalidInputModal" aria-hidden="true">
    <div class="modal-dialog" role="document">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title" id="invalidInputLabel">Input Invalid</h5>
                <button type="button" class="close" data-dismiss="modal"
                aria-label="Close">
        <span aria-hidden="true">&times;</span>
    </button>
            </div>
            <div class="modal-body">
                Please input a valid 5 digit zip code.
            </div>
            <div class="modal-footer">
                <button type="button" class="btn btn-primary"
                data-dismiss="modal">Try Again</button>
            </div>
        </div>
    </div>
</div>
```
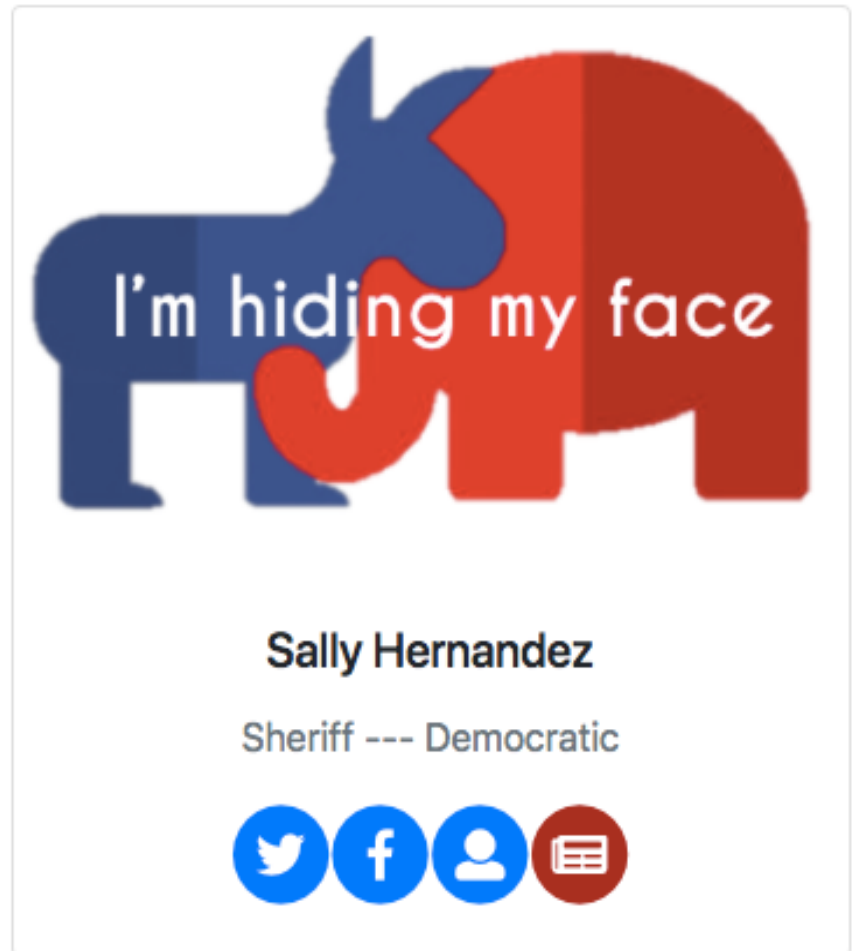
Alerts are ugly!

We used a modal.

Creating the profile

9 Elements exist within each profile:

1. The card
2. A photo
3. Their name
4. Their office
5. Their party
6. Twitter handle
7. Facebook page
8. Website
9. Related New York Times headlines

I'm hiding my face

Sally Hernandez

Sheriff --- Democratic

```javascript
var nameMore = "#" + nameID
var more = $("<a>")
more.addClass("moreBtn")
more.append(moreBtn)
website.append(websiteBtn)

var newOfficial = $("<div class='card profile-card'>");
// creates a newOfficial variable with a class profile-card
var wrapper = $("<div class='imgwrapper'>");
// adds a div with a class imgwrapper and an id with the officials name
var officialPhoto = $("<img class='card-img-top img-fluid img-responsive profile-img'>")
.attr("src", photoSrc);
// adds a img with a class card-img-top img-fluid img-responsive profile-img and sets the
source to the officials photo from the civic information api
var officialBody = $("<div class='card-body text-center'>");
// adds a div with a class card-body text-center for formatting
officialBody.attr("id", nameID)
// adds name to the official body so that headlines can be appended to correct place
var officialName = $("<h5 class='card-title'>").text(name);
// adds a h5 with a class card-title with the officials name
var officialPosition = $("<p class='card-text text-muted'>").text(position + " --- " +
party);
// adds a p with a class card-text text-muted with the officials position and party

var officialSocialDiv = $("<div class='social-links'>");
officialSocialDiv.addClass(nameID)
officialSocialDiv.attr("id", name)
```

Dynamic "cards"
-through javascript

Each time the API returns a name, a profile card is created.
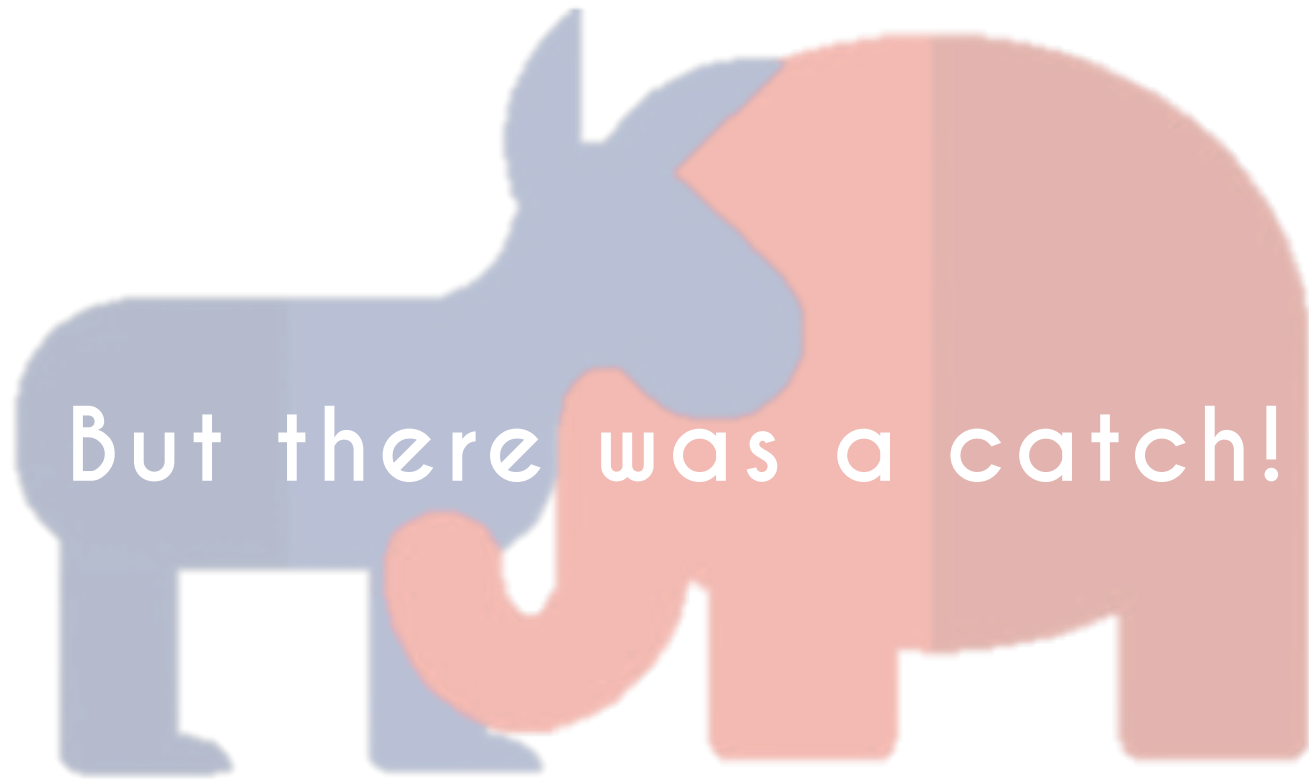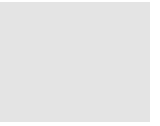
But there was a catch!

To get their office, we had to use a different response....

```
{
    "name": "John Cornyn",
    "address": [
        {
            "line1": "517 Hart Senate Office Building",
            "city": "Washington",
            "state": "DC",
            "zip": "20510"
        }
    ],
    "party": "Republican",
    "phones": [
        "(202) 224-2934"
    ],
    "urls": [
        "http://www.cornyn.senate.gov/public/"
    ],
    "photoUrl": "http://bioguide.congress.gov/bioguide/photo/C/C001056.jpg",
    "channels": [
        {
            "type": "Facebook",
            "id": "Sen.JohnCornyn"
        },
        {
            "type": "Twitter",
            "id": "JohnCornyn"
        },
        {
            "type": "YouTube",
            "id": "SenJohnCornyn"
        }
    ]
},
{
    "name": "Ted Cruz",
    "address": [
        {
            "line1": "404 Russell Senate Office Building",
            "city": "Washington",
            "state": "DC",
            "zip": "20510"
        }
    ],
    "party": "Republican",
    "phones": [
        "(202) 224-5922"
    ],
    "urls": [
        "http://www.cruz.senate.gov/*"
    ],
    "photoUrl": "http://www.cruz.senate.gov/files/images/OfficialPortrait.jpg",
    "channels": [
        {
            "type": "Facebook",
            "id": "SenatorTedCruz"
        },
        {
            "type": "Twitter",
            "id": "SenTedCruz"
        },
```

```
"name": "United States Senate",
"divisionId": "ocd-division/country:us/state:tx",
"levels": [
    "country"
],
"roles": [
    "legislatorUpperBody"
],
"officialIndices": [
    2,
    3
]
```

Push to a new array!

```javascript
$.ajax({
    url: queryURL,
    method: "GET"
}).then(function (response) {

    for (var k = 0; k < response.offices.length; k++) {

        var position = response.offices[k].name;
        // person's official position

        var officialInd = [];
        // create an empty array

        for (var m = 0; m < response.offices[k].officialIndices.length; m++) {

            officialInd.push({
                position: position,
                index: response.offices[k].officialIndices[m]
            });
            // pushes an object into the empty array
        }
```

Creating the profile

9 Elements exist within each profile:

1. ~~The card~~
2. A photo
3. ~~Their name~~
4. ~~Their office~~
5. ~~Their party~~
6. Twitter handle
7. Facebook page
8. Website
9. Related New York Times headlines

I'm hiding my face

Sally Hernandez

Sheriff --- Democratic
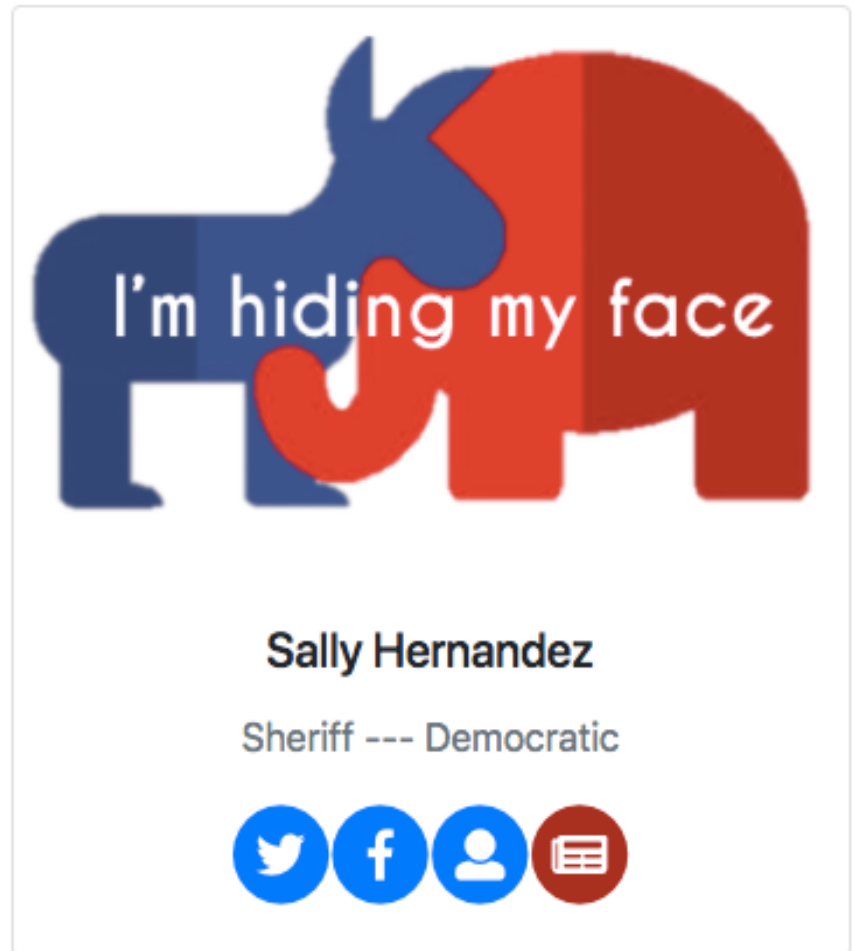
What IF they don't have a photo?


```
if (!response.officials[indexofName].photoUrl) {
    var photoSrc = "assets/images/nophoto.png"
} else {
    var photoSrc = photo
}
```

4 little buttons left...

9 Elements exist within each profile:

1. ~~The card~~
2. ~~A photo~~
3. ~~Their name~~
4. ~~Their office~~
5. ~~Their party~~
6. Twitter handle
7. Facebook page
8. Website
9. Related New York Times headlines

I'm hiding my face

Sally Hernandez

Sheriff --- Democratic
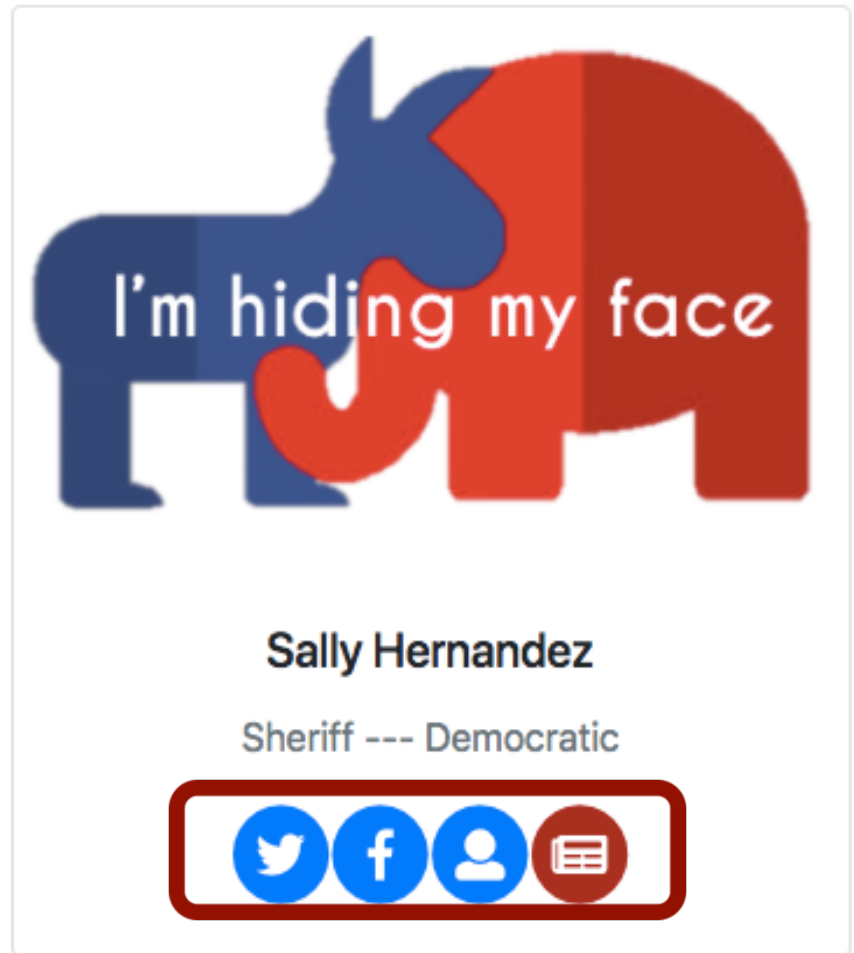
Just + 4 + little buttons
= famous last words!


```javascript
var socialMedia = response.officials[indexofName].channels

if (!socialMedia) {
    // do nothing
} else {
    for (sm = 0; sm < socialMedia.length; sm++) {
        if (socialMedia[sm].type === "Twitter") {
            var twitterID = socialMedia[sm].id
        }
        if (socialMedia[sm].type === "Facebook") {
            var facebookID = socialMedia[sm].id
        }
    }
}

//**********Create social media buttons**************
```

```javascript
function buttonGenerator(twitterID, facebookID, photoSrc, nameID, position, name,
officialSocialDiv, officialURL) {
    var cardLinks = ["https://twitter.com/" + twitterID, "https://facebook.com/" +
    facebookID, officialURL]
    var websiteIconClasses = ["fab fa-twitter fa-stack-1x fa-inverse", "fab fa-facebook-f
    fa-stack-1x fa-inverse", "fa fa-user fa-stack-1x fa-inverse", "fa fa-newspaper
    fa-stack-1x fa-inverse"]

    for (var i = 0; i < 4; i++) {
        // For loop to cycle through the arrays above
        var websiteBtn = $("<span class='fa-stack fa-lg'>")
        var websiteURL = cardLinks[i] // Grabs the button's website from the cardLinks array
        var buttonCircle = $("<i>") // Creates the button circle background
        buttonCircle.addClass("fa fa-circle fa-stack-2x")
        var websiteIcon = $("<i>") // Creates the website icon
        websiteIcon.addClass(websiteIconClasses[i])
        websiteBtn.append(buttonCircle).append(websiteIcon) // Adds circle and icon to button

        if (i < 3) {
            var website = $("<a>") // Builds up the <a> tag to hold each button's link
            website.attr("href", websiteURL)
            website.attr("target", "_blank")
            website.append(websiteBtn)

            officialSocialDiv.append(website);
        } else {
            // Different button creation process for Headlines when hidden
            websiteBtn.addClass("headlines hidden")
            websiteBtn.attr("id", nameID)
            var website = $("<a>")
            website.append(websiteBtn)

            officialSocialDiv.append(website);
        }
    }
    // returns the div with added buttons back to the main body
    return officialSocialDiv
```

First we had to establish if they had social media… and then we had to make the button. Thanks FontAwesome.com
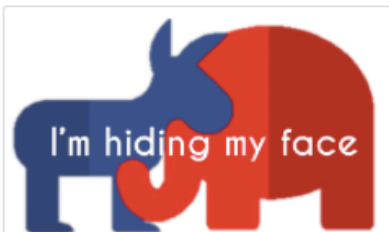
Now the real fun starts!

One API to go...

9 Elements exist within each profile:

1. ~~The card~~
2. ~~A photo~~
3. ~~Their name~~
4. ~~Their office~~
5. ~~Their party~~
6. ~~Twitter handle~~
7. ~~Facebook page~~
8. ~~Website~~
9. Related New York Times headlines

I'm hiding my face

Sally Hernandez

Sheriff --- Democratic
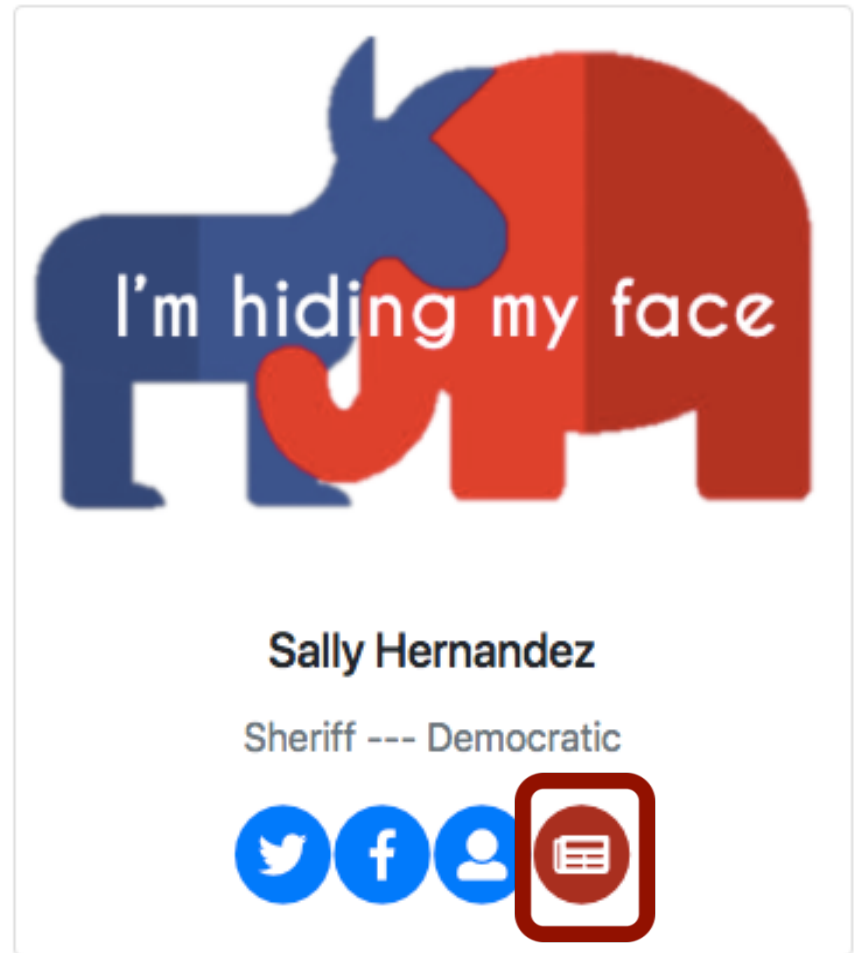
The "Headlines" Button

```
//****creating the headlines button
var moreBtn = $("<span class='fa-stack fa-lg'>")
moreBtn.addClass("headlines")
moreBtn.attr("id", nameID)
var moreIcon = $("<i>")
moreIcon.addClass("fa fa-newspaper fa-stack-1x fa-inverse")
buttonCircle = $("<i>")
buttonCircle.addClass("fa fa-circle fa-stack-2x")
moreBtn.append(buttonCircle).append(moreIcon)

var nameMore = "#" + nameID
var more = $("<a>")
more.addClass("moreBtn")
more.append(moreBtn)
website.append(websiteBtn)
```

```
for (var n = 0; n < nameArr.length; n++) {
    if (nameArr[n] === ".") {

        nameArr.splice([n], 1)
    }
    if (nameArr[n] === " ") {

        nameArr[n] = "-";
    } else {

        nameArr[n] = nameArr[n]
    }
}

var nameID = nameArr.join("")
```

Donald J. Trump	main.js:64
▶ Array(14)	main.js:65
Donald-J-Trump	main.js:82

The names had to be split; remove punctuation; replace spaces with hyphens; and, finally, join the name.
This gave us "nameID". We used it as values and IDs to use in the next step of the API.

API #2 – New York Times

```
var cardClickedID = $(this).attr('id') // Grabs ID of specific
button's card clicked so headlines div can be added to the right card

// Creating div to hold list of headlines
var headlinesDiv = $("<div class='text-left'>")
// Gives that div a specific ID
headlinesDiv.attr("id", headlinesDivID)

// Creating list of headlines
var headlinesList = $("<ul>")

var queryURL =
"https://api.nytimes.com/svc/search/v2/articlesearch.json?
api-key=96a8c512eae346c58a56d7649ea2eef2";
queryURL += ('&q="' + cardClickedID + '"')
queryURL += "&news_desk:('Politics')&sort=newest"


$.get(queryURL)
    .then(function (response) {
        // $("#" + headlinesDivID).html("<p>NYT Headlines: </p>")
        for (var i = 0; i < 3; i++) {
            headlinesList.append("<li><a target='_blank' href='" +
            response.response.docs[i].web_url + "'>" +
            response.response.docs[i].headline.main + "</a><br>")
        }
    })

$("#" + cardClickedID).append(headlinesDiv) //Appends the headlines
div to the clicked-on card body
$("#" + headlinesDivID).html(headlinesList) // Appends headlines to
the newly created headlinesDiv
```

- Now that we built "nameID" the headlines button can register the value to search in the NYT-API.

- By placing the "Get" within the button clicked function, we activate the 2nd API, and our page loads faster initially.

Remember: "Keep it clean"

```
if (headlinesDisplayed === false) {
    var cardClickedID = $(this).attr('id') // Grabs ID of
    specific button's card clicked so headlines div can be
    added to the right card

    // Creating div to hold list of headlines
    var headlinesDiv = $("<div class='text-left'>")
    // Gives that div a specific ID
    headlinesDiv.attr("id", headlinesDivID)

    // Creating list of headlines
    var headlinesList = $("<ul>")

    var queryURL =
    "https://api.nytimes.com/svc/search/v2/articlesearch.
    json?api-key=96a8c512eae346c58a56d7649ea2eef2";
    queryURL += ('&q="' + cardClickedID + '"')
    queryURL += "&news_desk:('Politics')&sort=newest"


    $.get(queryURL)
        .then(function (response) {
            // $("#" + headlinesDivID).html("<p>NYT
            Headlines: </p>")
            for (var i = 0; i < 3; i++) {
                headlinesList.append("<li><a target='_blank'
                href='" + response.response.docs[i].web_url
                + "'>" + response.response.docs[i]
                .headline.main + "</a><br>")
            }
        })

    $("#" + cardClickedID).append(headlinesDiv) //Appends
    the headlines div to the clicked-on card body
    $("#" + headlinesDivID).html(headlinesList) // Appends
    headlines to the newly created headlinesDiv
    headlinesDisplayed = true;
} else {
    $("#" + headlinesDivID).empty()
    headlinesDisplayed = false;
}
```

```
var headlinesDisplayed = false; // Switch to determine whether
to show or hide headlines on button click
$(".headlines").on("click", function () {

    var headlinesDivID = $(this).attr('id') + "headlines" //
    Grabs the ID of the specific button clicked
    if (headlinesDisplayed === false) {
        var cardClickedID = $(this).attr('id') // Grabs ID of
        specific button's card clicked so headlines div can be
        added to the right card

            $("#" + cardClickedID).append(headlinesDiv) //Appends
            the headlines div to the clicked-on card body
            $("#" + headlinesDivID).html(headlinesList) // Appends
            headlines to the newly created headlinesDiv
            headlinesDisplayed = true;
    } else {
        $("#" + headlinesDivID).empty()
        headlinesDisplayed = false;
    }
});
```
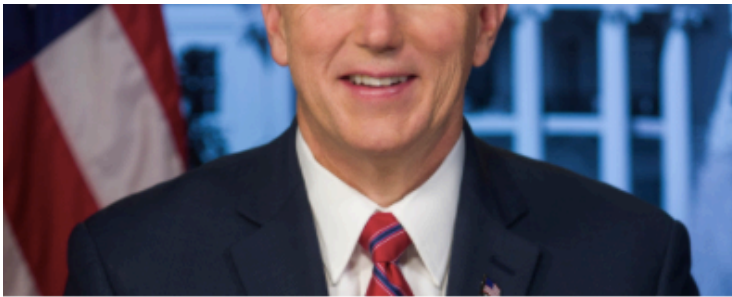
To stay true to the "keep it clean" branding style, the headlines button can clear the headlines by just being clicked again... but it took some code!

True & False!

Headlines button complete!

Mike Pence

Vice-President of the United States ---
Republican

- White House Job Requirement: Signing a Nondisclosure Agreement
- Children's Book About Mike Pence's Gay Bunny Jumps to No. 1

Mike Pence

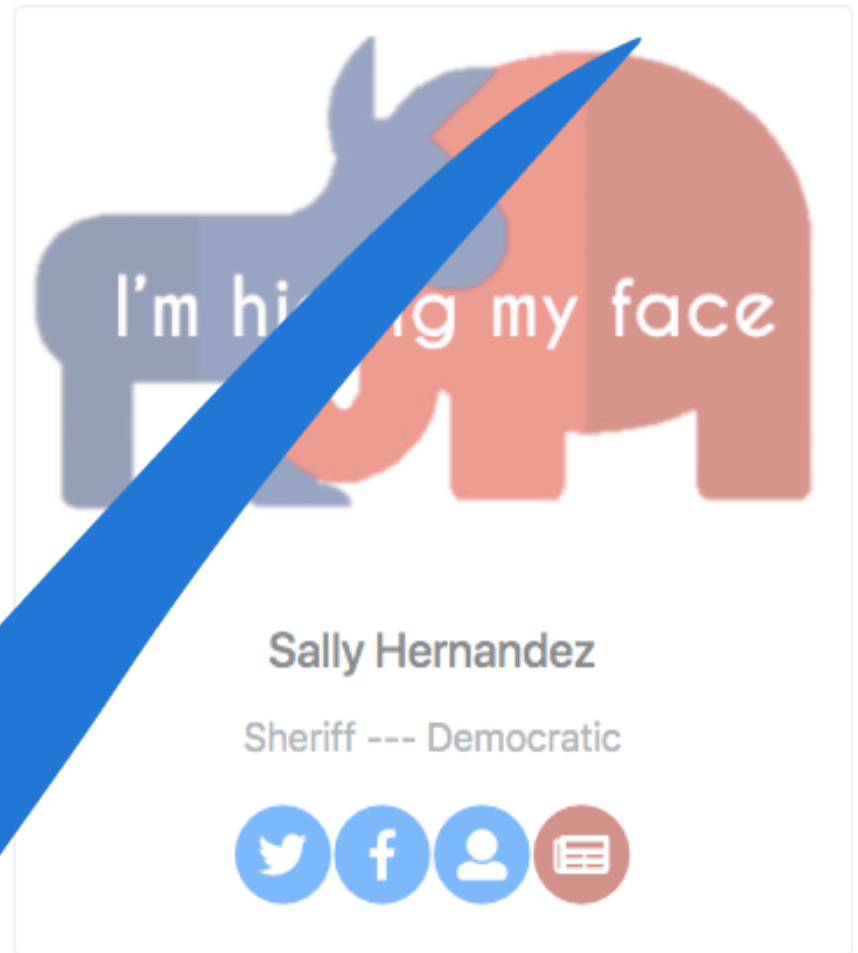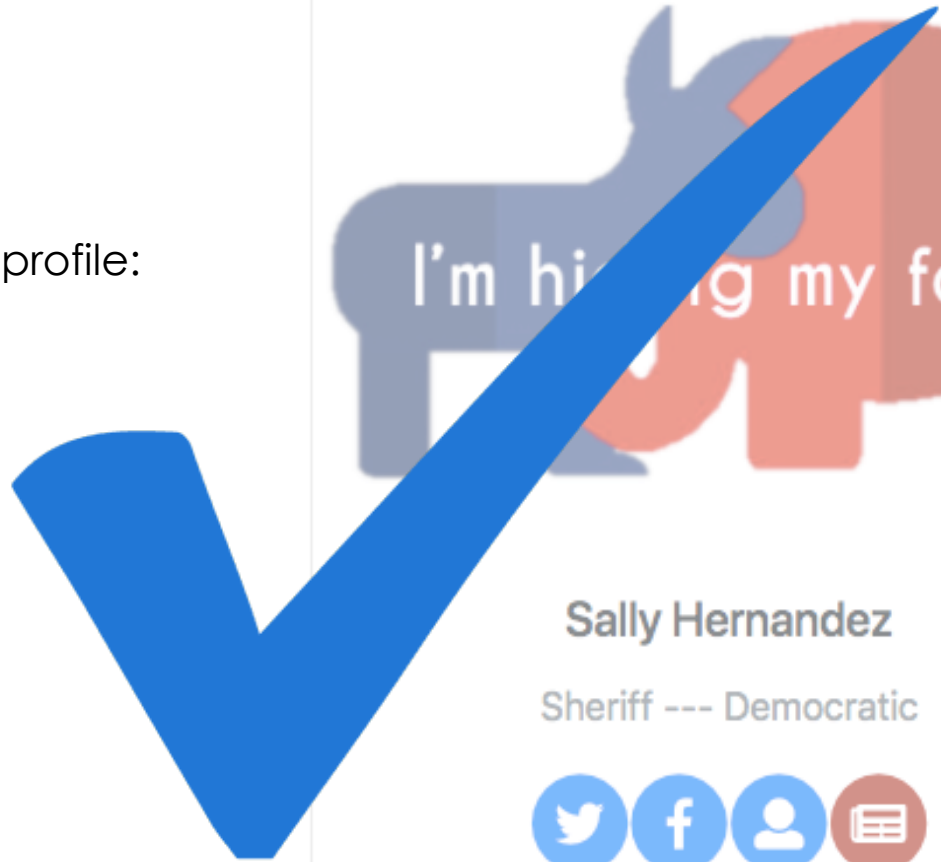Vice-President of the United States ---
Republican

We did it!!!!
Clean & simple

9 Elements exist within each profile:

1. ~~The card~~
2. ~~A photo~~
3. ~~Their name~~
4. ~~Their office~~
5. ~~Their party~~
6. ~~Twitter handle~~
7. ~~Facebook page~~
8. ~~Website~~
9. ~~Related New York Times headlines~~

I'm hiding my face

Sally Hernandez

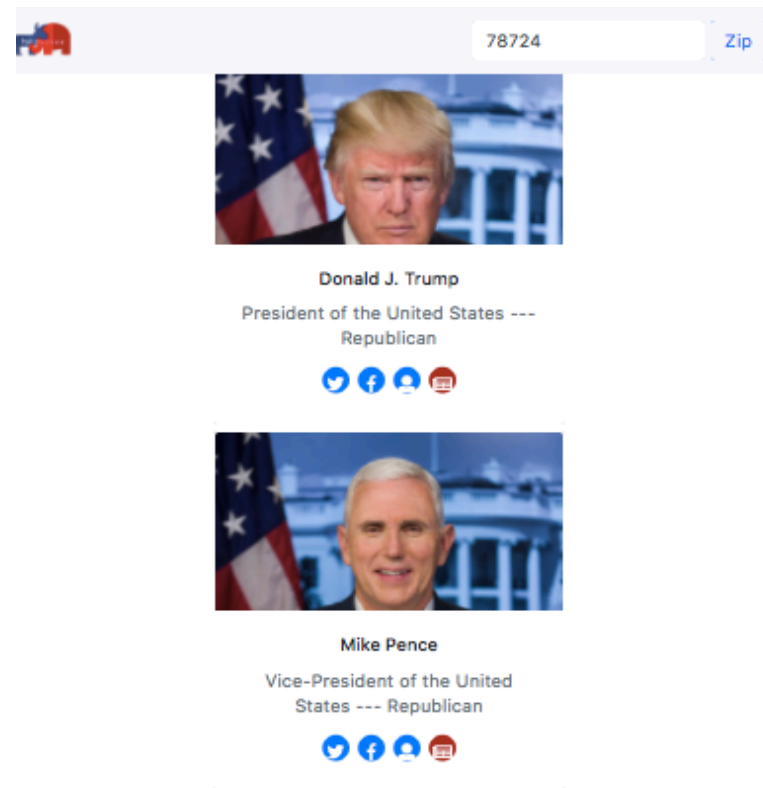Sheriff --- Democratic

Who represents you?

Politiscape

Type in your zip code and find out who your politicians are, their social media links, their website and what New York Times has to say about them.

Your Zip Code   Zip

Wanna see?

We know there is room to [EXPAND](#)!

Search-ability

- Create searches for special interest groups:
  - Form Letters
  - What to post, who to tag.

- Search by office, federal vs local, and other more specific queries.

- Create searches for upcoming elections:
  - Who is running?
  - Who is on the chopping block?

- Create user login –
  - Allow users to register their party and pull info based on that.

78724   Zip

Donald J. Trump
President of the United States --- Republican

Mike Pence
Vice-President of the United States --- Republican

What is "sell-able"?

- Sell data to polling efforts.

- Sell advertising space on scrolling profiles.

- Let Special interest groups pay to host their form letters and campaigns.

- Let campaigns pay to post their invitations to rallies, speeches and other politically-motivated events.