Why this Project?

Once you've mastered the skills of a front end web developer you'll want to make a great first impression. You need a resume that stands out.

The resume you build will not only help you build important skills, but will also make it easy to show employers why you're perfect for the job. As you progress through this nanodegree you can update this resume with your new skills and projects.

What will I Learn?

You will learn basic JavaScript syntax, which includes manipulating data types (like JSON), building loops and creating functions. At the same time, you'll learn some simple jQuery DOM manipulation methods to build your resume the moment a user opens your website.

How does this Help my Career?

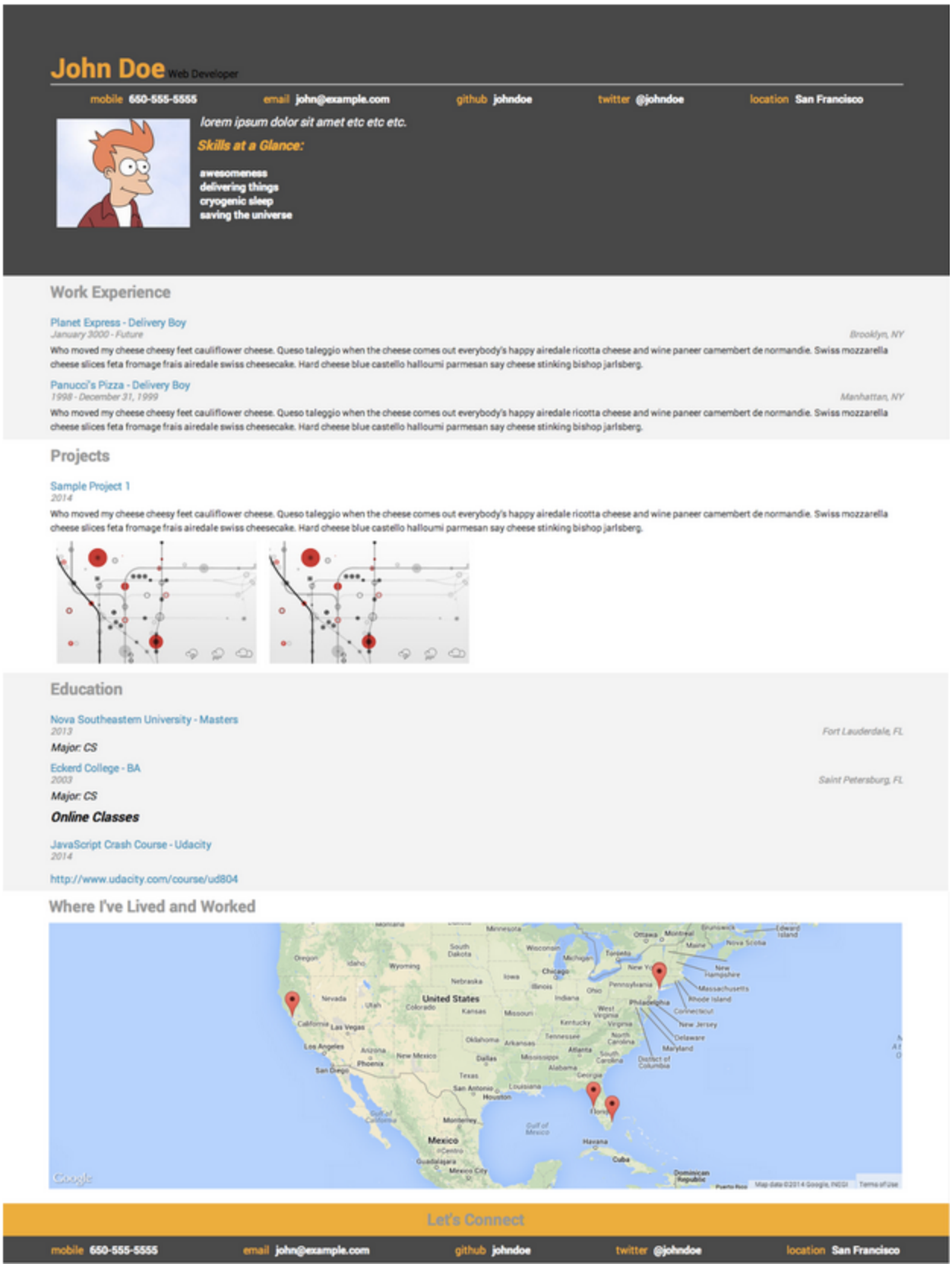
- It's a resume. Resumes help you get jobs.
- JavaScript is the language of web development.
- JavaScript lets you turn static web pages into dynamic applications.
- Since it runs on normal web browsers, JavaScript is one of the most accessible and flexible programming languages.

How do I complete this project? (v.1)

1. Go to the Javascript Basics course and select "View Course Materials."
2. Go through the videos and assignments in this course to learn the JavaScript necessary to build your resume.
3. Review your work against the Project Rubric (on the next page).

4. When you are satisfied with your project, submit it according to the Submission Instructions on the next page

By the end: Your resume will look something like this



And your repository will include the following files:

- index.html: The main HTML document. Contains links to all of the CSS and JS resources needed to render the resume, including resumeBuilder.js.
- js/helper.js: Contains helper code needed to format the resume and build the map. It also has a few function shells for additional functionality. More on helper.js further down.
- js/resumeBuilder.js: This file is empty. You should write your code here.
- js/jQuery.js: The jQuery library.
- css/style.css: Contains all of the CSS needed to style the page.
- README.md: The GitHub readme file.
- and some images in the images directory.

Your starting point...

js/helper.js

Within helper.js, you'll find a large collection of strings containing snippets of HTML. Within many snippets, you'll find placeholder data in the form of `%data%` or `%contact%`.

Each string has a title that describes how it should be used. For instance, `HTMLworkStart` should be the first `<div>` in the Work section of the resume. `HTMLschoolLocation` contains a `%data%` placeholder which should be replaced with the location of one of your schools.

Your process:

The resume has four distinct sections: work, education, projects and a header with biographical information. You'll need to:

1. Build four JSONs, each one representing a different resume section.
    - `work` contains an array of `jobs`. Each `job` object in `jobs` should contain an `employer`,`title`, `location`, `dates worked` and `description`.

    - `projects` contains an array of `projects`. Each `project` object in `projects` should contain a `title`, `dates worked`, `description`, and an `images` array with URL strings for project images.
    - `bio` contains a `name`, `role`, `welcomeMessage`, `contacts` object and `skills` array. The`contacts` object should contain (but doesn't have to) a `mobile number`, `email` address,`github` username, `twitter` handle and `location`.
    - `education` contains an array of `schools`. Each `school` object in `schools` contains a`name`, `location`, `degree`, `majors` array, `dates attended` and a `url` for the school's website. `education` also contains an `onlineCourses` array. Each `onlineCourse` object in`onlineCourses` should contain a `title`, `school`, `dates attended` and a `url` for the course.
2. Iterate through each JSON and append its information to index.html in the correct section.
    - First off, you'll be using jQuery's `selector.append()` and `selector.prepend()` functions to modify index.html. `selector.append()` makes an element appear at the end of a selected section. `selector.prepend()` makes an element appear at the beginning of a selected section.
    - Pay close attention to the ids of the `<div>`s in index.html and the HTML snippets in helper.js. They'll be very useful as jQuery selectors for `selector.append()` and`selector.prepend()`
    - You'll also be using the JavaScript method `string.replace(old, new)` to swap out all the placeholder text (e.g. `%data%`) for data from your resume JSONs.
    - Here's an example of some code that would add the location of one your companies to the page:
    - `var formattedLocation = HTMLworkLocation.replace("%data%", work.jobs[job].location);`
    - `$(".work-entry:last").append(formattedLocation);`
    - Use the mockup at the page of this document as a guide for the order in which you should append elements to the page.
3. The resume includes an interactive map. To add it, append the googleMap string to`<div id=”map”>`.
4. All of your code for adding elements to the resume should be within functions. And all of your functions should be encapsulated within the same objects containing your resume data. For instance, your functions for appending work experience elements to the page should be found within the same object containing data about your work experience.

5. Your resume should also `console.log()` information about click locations. On line 90 in helper.js, you'll find a jQuery onclick handler that you'll need to modify to work with the`logClicks(x,y)` function above it.
6. It's possible to make additional information show up when you click on the pins in the map. Check out line 174 in helper.js and the Google Maps API to get started.

Evaluation

Your project will be evaluated by a Udacity reviewer according to the rubric below. Be sure to review it thoroughly before you submit. All criteria must "meet expectations" in order to pass.

Criteria	Does Not Meet Expectations	Meets expectations	Exceeds Expectations (Completely Udacious)
Content	The resume is empty. Two or more resume sections (biography, education, work, projects) are incomplete.	All but one resume sections (biography, education, work, projects) are complete with real or fake data.	All resume sections include real or fake data.
Function Use	No functions are used to build the resume.	Some functions are used to build the resume but most of the resume is built with spaghetti code.	All resume sections are built using modular functions which can run in any order.
Encapsulation	No functions have been encapsulated inside related objects.	Some functions are encapsulated in related objects but most functions are on the global scope.	All code to display each resume section is contained within the object with the data for the same section.
Additional Interactivity	The resume does not contain any interactivities.	The resume includes a map that pulls location data from the resume.	The resume contains an interactivity in addition to the map (ie. menu navigation, polymer components).
Artistic Creativity		All CSS is default	Resume includes custom CSS that alters colors as well as layout of the page.

Submission

Email a link to the public github repository with your resume to nd001interactiveresume-project@udacity.com. A Udacity reviewer will respond shortly with next steps.