

## [Read Me](#)

**Project Link:** [http://ist-serenity.main.ad.rit.edu/~jrp8761/patel\\_project2/](http://ist-serenity.main.ad.rit.edu/~jrp8761/patel_project2/)

### **Instructions:**

Unzip the '**patel.project2**' folder and run **index.html** file to see the output.

In this folder, you will find the following sub-folders and files:

- **Plugins folder** -> This folder has all the plugins whose description I have mentioned in the 'Plugin used' section below.
- **Images folder** - > This folder has all the images used for creating the project website.
- **Styles** - > Inside this folder, there is a 'style.css' file which determines the presentation of the website.
- **index.html file** -> This is the main html file which describes the structure of the website.
- **script.js** -> This is the js file which describes the behavior of the website.
- **proxy.php file**-> This file allows fetching data which is in a json format available on the [ist.rit.edu/api/](http://ist.rit.edu/api/) link.

### **List of Plugins used:**

**Browser detection plugin:** I have used this plugin to detect a user's browser. This plugin parses user-agent in order to identify client's browser. Suppose, if the internet explorer version is less than IE 8 then the user will be redirected to download the latest Firefox browser.

**Sticky plugin:** I have used this plugin to stick the navigation bar always at the top. Initially, on load, the navigation bar is at the bottom, but once the scrolling begins, the navigation bar is stuck to the top of the page.

**Scroll Reveal Plugin:** I have used this plugin so that when a user scrolls down the page, they can view appealing transitions and help smoothen the scrolling experience for the user.

**Flip plugin:** I have used flip plugin for the degrees(grad, undergrad and minors) and people(staff/faculty) divs which when clicked on will animate a flip to show the information more in detail about the respective section on the div behind.

**Table Sorter plugin:** This plugin provides dynamic row sorting based on the values of one or more given columns. I have used this plugin for the co-op and employment tables. This plugin makes sorting easier especially for large dataset as in this case.

**Anchor Scroll plugin:** This is a lightweight, easy-to-use jQuery plugin that I have used for smooth scrolling to anchor targets and adding classes to elements on scroll events. On click of the anchor link, this plugin will help the user scroll down to that selected section smoothly (allows smooth transition).

**Popup Plugin:** I have used this plugin for displaying research and undergrad minor's information in detail through a popup window. Also, the contact form is displayed using this particular plugin.

**Magnific Popup:** I have used this plugin as it adds the Magnific Popup lightbox script to all the dialog popups that I used for this website. This plugin helps open and close the popup or if you go to another page and then press back browser button to close the popup.

**Sticky Table Headers plugin:** I have used this plugin for the table header of co-op and employment tables to help users always view the table headings when they scroll down the table. The table header will always stick to the top even on scroll.

**Tabs Plugin:** I have used this plugin to show and hide the sub sections of resources div by using tabs for each subsection such as, coop enrollment, student ambassadors etc.

**Read More Plugin:** The Read More plugin is used in the news section where it truncates the old/latest news stories on basis of what user selects (whether to read more or less by clicking on the *Read More* or *Read Less* link).

### **Above and Beyond:**

- i. The color scheme used for this project is decent and eye catching.
- ii. The website is responsive and dynamic, and can also work well on smaller screens too.
- iii. There is a smooth transition on scroll from one section to another.
- iv. The user does not have to wait for too long for the data coming from [ist.rit.edu/api/](http://ist.rit.edu/api/) to load. It loads quickly.