

# Lab Assignment #3 - GeoJSON and User Experience

## Due 4/28

In this week's lab, we learned how to add buttons and a styled GeoJSON to our map. Your assignment this week has two parts:

1. Part A - Create a map that will pan to certain makers when a button is clicked.
2. Part B - Create a map that is based off of a GeoJSON and style the GeoJSON.

For this assignment you can submit each map separately, for example as `week3a` and `week3b`. Or you can bundle them together as `week3` for extra credit.

## Requirements

- Add at least 3 markers to the map using a [JavaScript function](#) (these markers can be same as lab assignment #2)
- Use the `<button>` [element](#) to execute a JavaScript function to interact with your map
- Add an [Event Listener](#) that executes the JavaScript function to interact with your map
- Add a styled GeoJSON to your map (this can be a separate map)

## Extra Credit

- Combine both maps into one page with a common theme
- Use something else like images or text to move the map.
- Try something new with the [Leaflet API](#)

## Submission

- [Commit your changes to GitHub](#)
- [Commit and publish your file to GitHub pages.](#)

- Find your `index.html` in the `week3a` in GitHub Pages and copy the URL. It should look something like this:
    - <https://albertkun.github.io/23S-ASIAAM-191A-Assignments/week3a/index.html>
  - Find your `index.html` in the `week3b` in GitHub Pages and copy the URL. It should look something like this:
    - <https://albertkun.github.io/23S-ASIAAM-191A-Assignments/week3b/index.html>
  - Paste your link as a comment in the Discussion forum for Lab Assignment #3:
    - <https://github.com/albertkun/23S-ASIAAM-191A/discussions/13>
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