1.

Other than creating sales enablement resources, I also used ArcGIS JS API to create a web application on the side. The Telluride 3D Trails Map.

So why would I make a hiking trails map for Telluride? The simple answer is, I love the town too much. And it all started with a road trip I took back in May.

2.

Me and my friend started out from Denver, and took a whole loop through south-west Colorado. We visited 3 national parks, 1 national monument and passed through numerous national forests.

But the town of Telluride came out on top for me.

3.

Here are some shots I took when I visited Telluride. And none of them was edited.

This is the main street. There’s a hanging waterfall on the mountain ahead you can see straight from town.

4.

This is another waterfall on the same mountain. It also happens to be the tallest waterfall in Colorado.

5.

This is the view looking down at what’s called “Box Canyon” from that mountain, and it was like nothing I’ve ever seen.

6.

Last but now least, this is the view from Telluride’s Gondola at the golden hour.

It was so beautiful that I took two hikes during the day I visited.

7.

Telluride boasts over 70 hiking trails in the area. It can be a paradise for outdoor enthusiasts, but it can also be overwhelming to the people new to the area like the way I felt. And I wished there was a detailed map or app dedicated to the area to help people explore the outdoors

That’s the reason why I wanted to create a map application for Telluride.

I’m sure I’m not the only one who thought about doing this. In fact, there are many great apps out there for hiking trails.

8.

Like this web app on Telluride Mountain Club website built with WebApp Builder. Kudos to TMC for making a trails app dedicated to the area,

9.

but when I tried to use it, I saw rooms for improvements

10.

Like the very limited trails information and confusing terminology,

11.

The limited functionalities,

12.

Only available in 2D

And the confusing symbology on the map.

13.

I’ve been a big fan of AllTrails and its accurate information,

But it has so many clusters and trails from outside of Telluride that make it time-consuming to find the ideal trails.

14

Bearing those problems in mind, I was planning to build a simple and intuitive trail map specifically for telluride. With essential functionalities and informative popups. Last but not least, users can visualize trails in a 3D environment.

(app)

Now let’s jump into a quick demo.

If you’re into skiing, mountain biking or hiking, you should be pretty familiar with the symbology of the trails, with green being the easiest trails and black being the difficult trails. It would be helpful to locate trails if you know what level of difficulty you are looking for.

It also has a simple legend for users not so familiar with the difficulty symbology.

The drop down menu contains every trail on the map, by clicking it you are taken to the selected trail and a popup will display with the information and a graph for elevation change along the trail.

You can also use the search bar to locate to any trail you know.

You can toggole between the topographic map and the satellite imagery map you want to explore the trail with more details.

The filter…

The measurement…

The trailhead popups include infor..

The wilderness area popup include infor….

15. I got a lot out of creating this application. My first JS project … Difficulties understanding the sample code to…

16. The road ahead…

17. Thank you…