

# CMPM147 Portfolio

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# Crazy Planet Generator. [Hello! \(crazy-planet-generator.glitch.me\)](https://crazy-planet-generator.glitch.me)

In the outer reaches of the known universe lies a strange, yet fascinating planet called Gomba Bomba. It orbits the sun, Soutia, one of the brightest stars known to exist. This planet is known to have 320 watery moons that orbit it.

As you would enter the atmosphere, you would notice the blue tint in the sky. This is caused by the large amount of copper in the atmosphere. On the ground, there are wood as far as the eye can see, stretching out for miles. This beautiful landscape is complimented by the wide variety of natural giant spikes and floating islands.

The weather is usually mellow, but sometimes lava will rain from the sky; this liquid creates the lakes, rivers, and oceans. This planet sounds like a very habitable planet from everything discussed, but the fauna on this planet make it very dangerous. Be careful for wild krackleblackers and popats because they will rip you to shreds the moment they see movement.

Be careful for wild pikachugs

This planet is known to have a heckuva lot of large moons that orbit it.

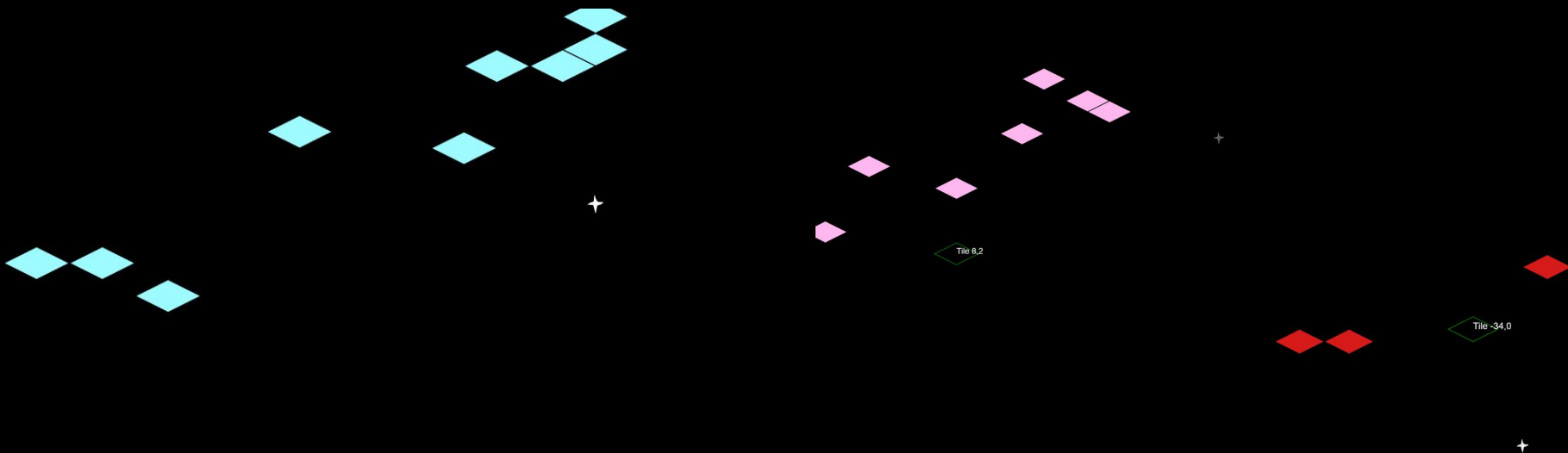
The weather is usually mellow, but sometimes chicken noodle soup will rain from the sky; this liquid creates the lakes, rivers, and oceans.

## A mad libs style generator

A couple paragraphs of text are shown but their text is varied. The generator randomly chooses from a list of words to fill certain spots. This way it resembles mad libs as it draws from words to fill in blanks that can create a large number of possibilities.

My thought process with this generator started with my fascination with space. I thought it would be really interesting to imagine different plants with strange parts about them. I also felt like I could be creative and use my plethora of amazing random names that I can come up with. I wanted the text to sort of replicate an old documentary with a narrator talking soothingly about this strange planet. My ultimate goal though was to allow users to imagine worlds unlike our own.

# Blinking Blocks <https://blinking-blocks.glitch.me>

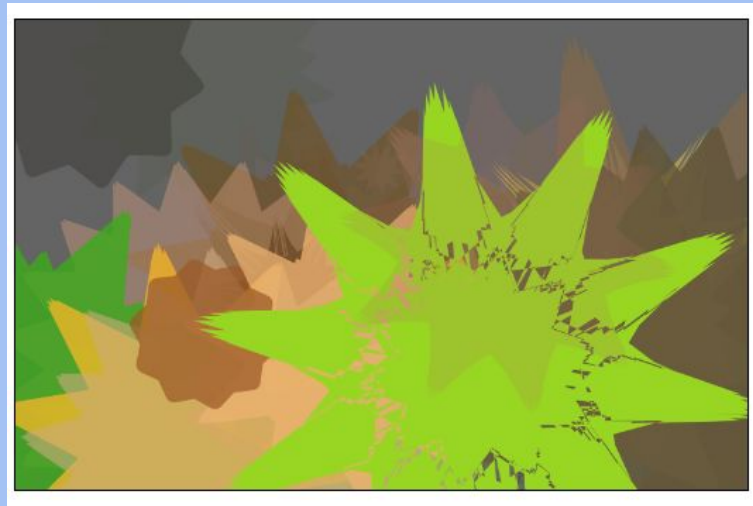
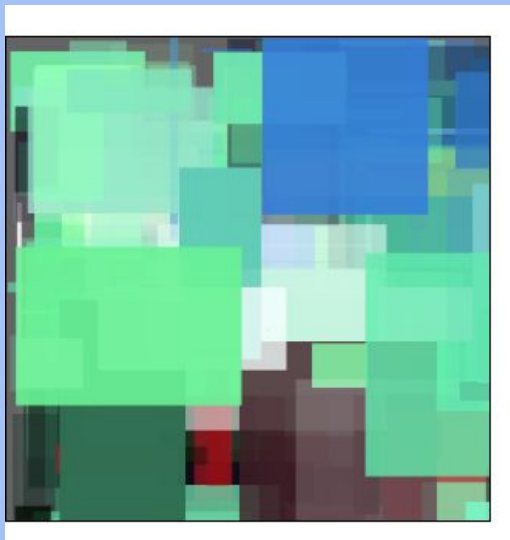


## A line of blocks floating in space

An infinite road of blinking blocks stretches in one direction. These blocks are randomly placed within a 4 tile wide area. The remaining blocks are empty spaces with a few twinkling stars scattered about. There are two sets of blocks are differentiated by their timing and their color. When one set is shown the other is not shown.

This generator was inspired by Mario Galaxy's Beat Block Galaxy. This is partially why the setting is in space. The seed changes the placement of the blocks, stars, and the colors of the blocks. Also while I didn't include the music in the generator itself, if you pull up the music from Beat Block Galaxy, it will sync up with the blinking and disappearance of the blocks in this generator. This is the main draw of Beat Block Galaxy and I wanted to include it in some way.

# The Image Mutator <https://the-image-mutator.glitch.me>



## A creator of funny images

This generator creates images based on existing images that I incorporated into it. There is a drop down menu that shows each image you can choose from as well as a menu to select the shape you want to make the image out of.

I mostly chose images that I drew and/or that I found funny. This way it can turn already funny images into funnier images. With the mutation slider, you can make the image change more or less rapidly. The main thing I experimented with in this generator was the color and opacity. Changing up the colors slightly would help add some variety while the opacity allows for a lot more shapes to be seen throughout the image.