

AI and Generative Art

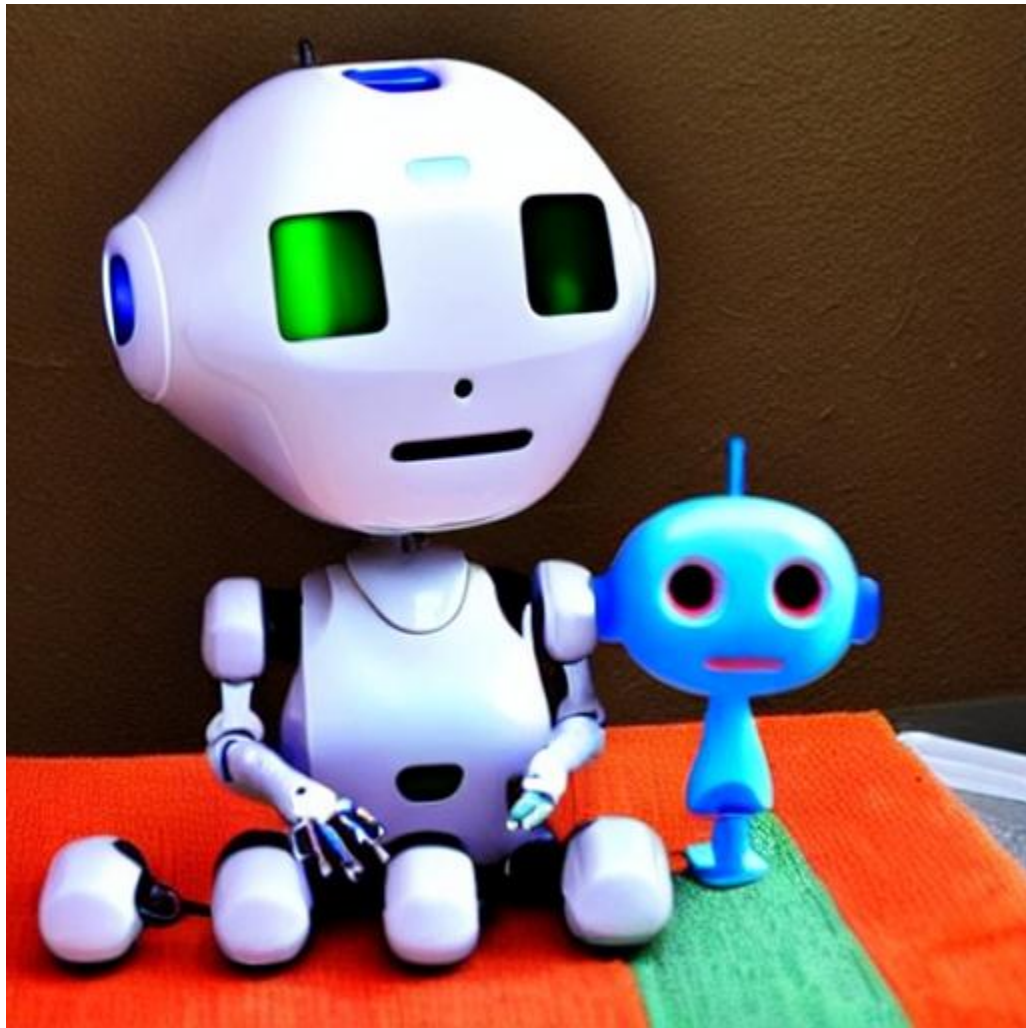
Abstract: In this assignment I had to create two images using an AI art generator. One image had to follow constraints of a certain language, while the other was a wild card and the ability to come up with any sentence I wanted. To finish the assignment a discussion of the positives and negatives of AI art is discussed.

Task One:

Part One

The sentence that I used in order to create the image for part one was “A talking robot protected the baby”.

Part Two



Part Three

In order to complete this assignment I used the AI image generator from deepai at this website “<https://deepai.org/machine-learning-model/text2img>”. In order to use the system I

had to enter the sentence into a text field and then select a style of art that I wanted. For this image I just stuck with the default style that it recommended. While I was impressed with the image generator, I was kind of underwhelmed with the outcome. The image is just two robots of different sizes sitting there. The bigger robot does not look like it is “protecting” the younger robot.

Task Two:

Part One:

The sentence that I used for the second task of this assignment was “ The astronaut wandered in darkness”.

Part Two:



Part Three:

For this task I used the same AI image generated as the first task, however I chose a different art style this time. The one I chose looked to be less cartoony and more realistic. Unlike the image in the first task that I generated, I was very impressed with how this one came out. I feel that the AI was able to really portray the sentence that I gave it. I think what was created follows the “wondered in darkness part” very well, because it seems like the astronaut in the image is alone and has a huge unknown landscape to explore.

Big Picture Reflection:

The AI image generator is extremely impressive and it has huge potential to help change art for the good. It has the ability to produce realistic images in a fraction of the time that it would take a human artist to create. This allows for a faster and more efficient creation of artwork and designs. This makes the artwork more accessible to people from all walks of life, including people that don't feel like art is something for them.

However, one negative aspect of AI image generation is its potential to perpetuate harmful biases and reinforce societal stereotypes. As AI is trained on vast datasets of images, it can learn and replicate the biases present in those datasets. This can result in AI-generated images that are discriminatory or perpetuate harmful stereotypes. It is important to address these issues and ensure that AI image generation is developed in an ethical and responsible manner to avoid perpetuating harmful societal biases.