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Professor Leon

Intro to Creative Coding

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Project A. Proposal

After gathering some inspiration from our field trip to the New West Bund Museum and Generative Art Lecture Slides, I would like to propose my idea of the imagined view through a microscope. When I first interacted with a microscope in middle school, I was very intrigued by studying cells and for this reason I would like to use cellular biology under a microscope as an inspiration to create an interactive generative motion for this project. I imagine to create my own creative cell under a circle-like lens that plays around with oscillating colors, shapes, and transparency while adding elements of user-interaction.

In terms of user-interaction I want to be able to allow users to interact with the cells. For example, maybe some cells can be stretched, we can dye the cells using keystrokes, or maybe we can implant or even split sells with the click of the mouse. Regardless, I envision to create an interactive cell under the view of the microsope.

