

Creative Coding – STA 491

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Final Project

Opposites Attract

### “Fire & Water”

For my project I think I went a more abstract way of thinking. Our prompt being “opposites attract” I wanted to do something related to astrology. I decided to create two canvases that in a very abstract way mimic fire and water. Personally, I am a Scorpio which is a water sign and my “opposite” happens to be a fire sign, and oddly enough I always have found my strongest attraction to these signs. I wanted to create almost like a colliding wave for the two canvases, so I used an equation that calculated how my curve intensity and repetition was using a “power” equation. I found this better for creating my desired waves because the log function was not curving sharp enough for my concept. I think the repetition of these curves I created gives my fire and water the desired dimension I was going for. I really enjoyed taking my current knowledge and learning a completely different function to get what I wanted my vision to be. It was very hard, but I eventually got the code to do exactly what I wanted it to do.



Color palette inspiration



Shape inspiration (wave)